

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041823\
 Data File : BP014718.D
 Acq On : 18 Apr 2023 18:30
 Operator : CG/JU
 Sample : SSTD16052
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD160637

Quant Time: Apr 19 01:03:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 19 00:51:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.157	152	211377	20.000	ng/u1	0.00
20) Naphthalene-d8	10.987	136	884863	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.792	164	543077	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.545	188	1171770	20.000	ng/u1	0.00
79) Chrysene-d12	21.621	240	1017793	20.000	ng/u1	0.01
88) Perylene-d12	24.204	264	1189061	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	328520	60.270	ng/uL	0.00
4) Pyridine-d5	3.911	84	2276037	162.942	ng/u1	0.00
7) Phenol-d5	7.305	99	2986639	153.207	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.481	67	1697144	135.689	ng/u1	0.01
11) 2-Chlorophenol-d4	7.687	132	2382911	169.123	ng/u1	0.01
15) 4-Methylphenol-d8	8.869	113	2347366	149.279	ng/u1	0.02
21) Nitrobenzene-d5	9.340	128	1126631	157.717	ng/u1	0.01
24) 2-Nitrophenol-d4	10.063	143	1191379	145.652	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.604	165	2317608	155.579	ng/u1	0.01
31) 4-Chloroaniline-d4	11.128	131	3146923	160.377	ng/u1	0.02
46) Dimethylphthalate-d6	14.204	166	6352861	144.273	ng/u1	0.02
49) Acenaphthylene-d8	14.492	160	7239760	148.174	ng/u1	0.01
54) 4-Nitrophenol-d4	14.981	143	1235312	185.697	ng/u1	0.03
60) Fluorene-d10	15.786	176	5130063	139.704	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.904	200	1056947	122.586	ng/u1	0.02
73) Anthracene-d10	17.651	188	7795875	137.473	ng/u1	0.01
81) Pyrene-d10	19.863	212	8646260	126.472	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.051	264	9638170	152.565	ng/u1	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.522	88	350404	58.498	ng/uL	96
5) Pyridine	3.934	79	2264365	154.905	ng/u1	93
6) Benzaldehyde	7.281	77	924747	95.436	ng/u1	94
8) Phenol	7.334	94	3056494	151.143	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.575	93	2398195	147.572	ng/u1	96
12) 2-Chlorophenol	7.716	128	2405171	164.008	ng/u1	96
13) 2-Methylphenol	8.593	108	2314035	153.438	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.693	45	2933130	137.466	ng/u1	97
16) Acetophenone	8.999	105	3313046	127.592	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.999	70	1533207	109.299	ng/u1#	94
18) 4-Methylphenol	8.946	108	2502832	151.112	ng/u1	97
19) Hexachloroethane	9.257	117	949156	148.130	ng/u1	93
22) Nitrobenzene	9.381	77	2550239	124.271	ng/u1	93
23) Isophorone	9.922	82	5105389	134.964	ng/u1	97
25) 2-Nitrophenol	10.099	139	1290892	149.519	ng/u1	93
26) 2,4-Dimethylphenol	10.146	107	2575931	133.301	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.393	93	3169607	139.757	ng/u1	99
29) 2,4-Dichlorophenol	10.634	162	2251331	153.567	ng/u1	97
30) Naphthalene	11.046	128	7262814	147.354	ng/u1	100
32) 4-Chloroaniline	11.151	127	3105561	156.260	ng/u1	100
33) Hexachlorobutadiene	11.328	225	1442517	124.200	ng/u1	98
34) Caprolactam	11.951	113	405541	93.637	ng/u1	90
35) 4-Chloro-3-methylphenol	12.257	107	2345737	130.088	ng/u1	95
36) 2-Methylnaphthalene	12.634	142	4764502	142.638	ng/u1	100

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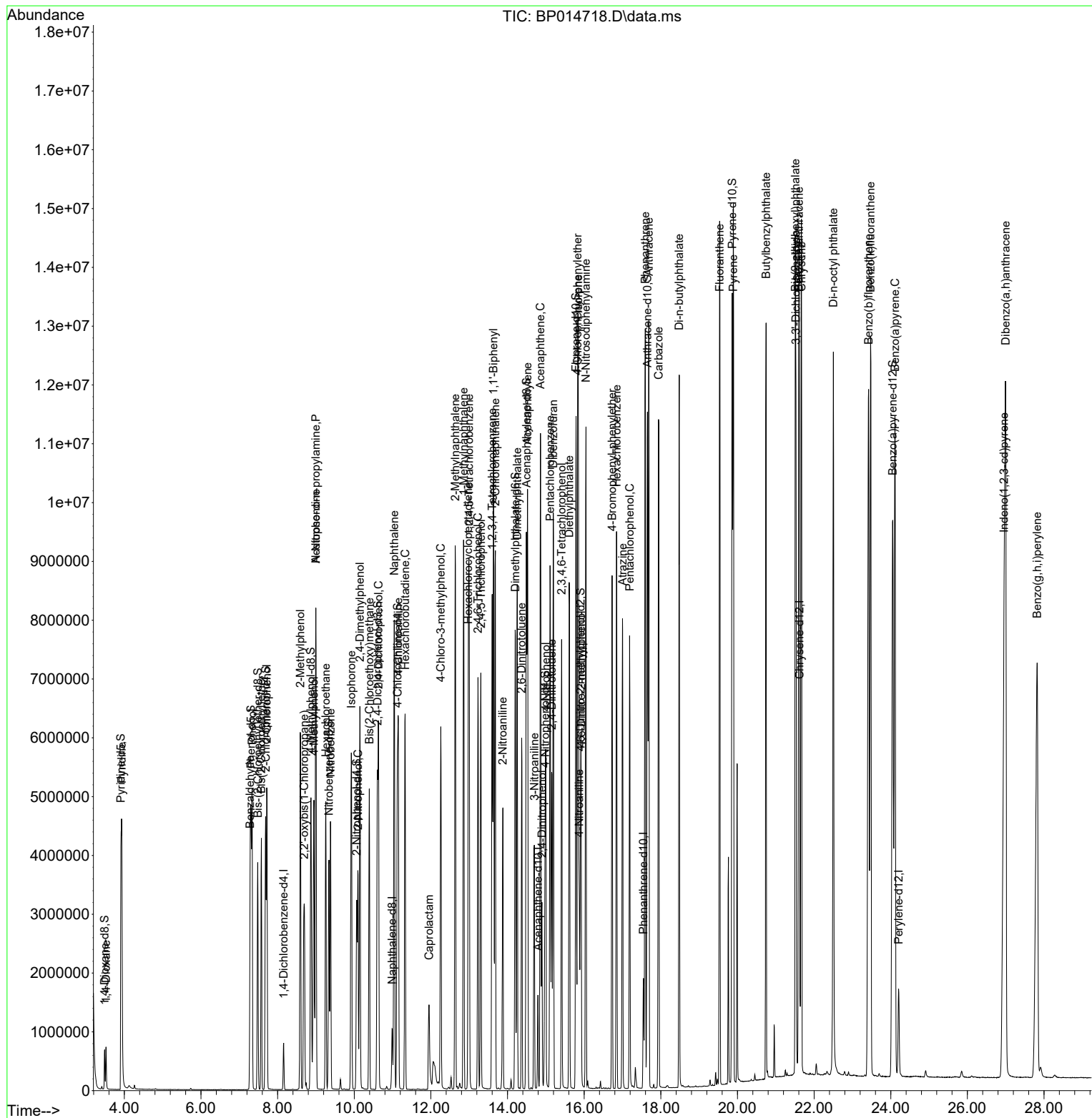
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.851	142	4723368	142.582	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.998	216	2617518	135.183	ng/ul	97
40) Hexachlorocyclopentadiene	12.975	237	1764731	140.738	ng/ul	99
41) 2,4,6-Trichlorophenol	13.228	196	1804201	150.578	ng/ul	99
42) 2,4,5-Trichlorophenol	13.304	196	1968515	154.324	ng/ul	99
43) 1,1'-Biphenyl	13.634	154	6187022	141.012	ng/ul	98
44) 2-Chloronaphthalene	13.681	162	4999263	144.105	ng/ul	99
45) 2-Nitroaniline	13.875	65	1357770	126.379	ng/ul	92
47) Dimethylphthalate	14.251	163	6207774	140.999	ng/ul	100
48) 2,6-Dinitrotoluene	14.369	165	1314224	152.786	ng/ul	87
50) Acenaphthylene	14.522	152	7346680	141.186	ng/ul	98
51) 3-Nitroaniline	14.698	138	1176053	152.612	ng/ul#	95
52) Acenaphthene	14.857	153	5044695	137.193	ng/ul	98
53) 2,4-Dinitrophenol	14.898	184	705404	126.637	ng/ul	88
55) 4-Nitrophenol	14.998	109	887230	135.139	ng/ul	89
56) Dibenzofuran	15.192	168	7156840	138.455	ng/ul	99
57) 2,4-Dinitrotoluene	15.157	165	1876863	153.824	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.410	232	1648585	143.799	ng/ul	97
59) Diethylphthalate	15.610	149	6242534	142.683	ng/ul	98
61) Fluorene	15.845	166	4959105	118.362	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.828	204	2630184	116.845	ng/ul	100
63) 4-Nitroaniline	15.869	138	1053373	168.238	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.922	198	1054456	126.196	ng/ul#	84
67) N-Nitrosodiphenylamine	16.045	169	4881146	133.885	ng/ul	100
68) 4-Bromophenyl-phenylether	16.728	248	1953579	133.981	ng/ul	99
69) Hexachlorobenzene	16.845	284	2165661	129.305	ng/ul	99
70) Atrazine	17.004	200	1837232	138.433	ng/ul	99
71) Pentachlorophenol	17.186	266	1438401	148.245	ng/ul	99
72) Phenanthrene	17.592	178	8863298	135.960	ng/ul	98
74) Anthracene	17.686	178	8575152	130.513	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.598	216	2752985	133.471	ng/ul	99
76) Pentachlorobenzene	15.110	250	2604752	126.562	ng/ul	99
77) Carbazole	17.945	167	8193679	149.020	ng/ul	99
78) Di-n-butylphthalate	18.480	149	9772610	141.353	ng/ul	99
80) Fluoranthene	19.533	202	9991131	123.604	ng/ul	99
82) Pyrene	19.892	202	9695090	114.883	ng/ul	99
83) Butylbenzylphthalate	20.745	149	4094392	140.851	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.527	252	3304025	146.783	ng/ul	99
85) Benzo(a)anthracene	21.610	228	9999416	138.643	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.510	149	5600282	140.886	ng/ul	99
87) Chrysene	21.669	228	9232865	135.575	ng/ul	98
89) Di-n-octyl phthalate	22.504	149	11120162	144.111	ng/ul	100
90) Benzo(b)fluoranthene	23.421	252	11690584	145.575	ng/ul	98
91) Benzo(k)fluoranthene	23.474	252	10505406	134.690	ng/ul	98
93) Benzo(a)pyrene	24.110	252	10054884	145.460	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.956	276	13804197	145.154	ng/ul	99
95) Dibenzo(a,h)anthracene	26.998	278	10858480	136.375	ng/ul	99
96) Benzo(g,h,i)perylene	27.821	276	11807775	152.321	ng/ul	97

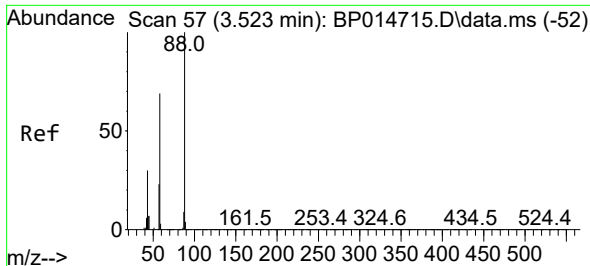
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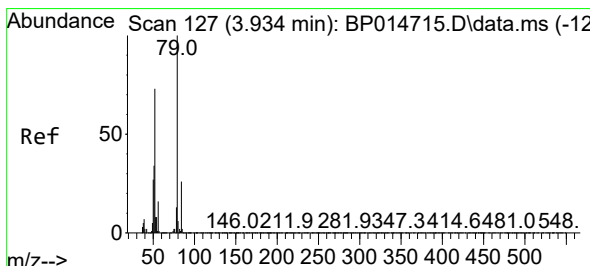
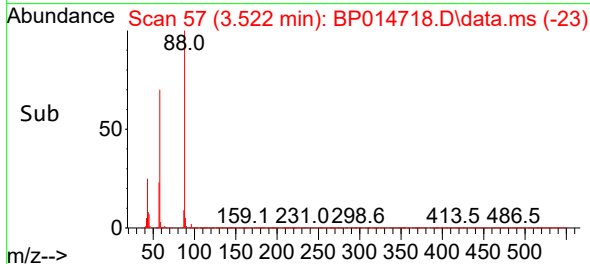
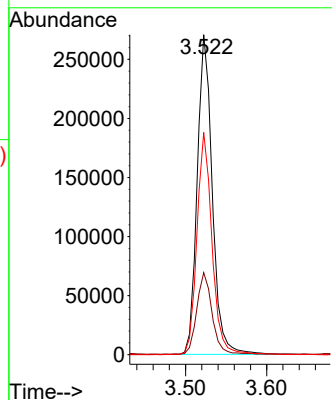
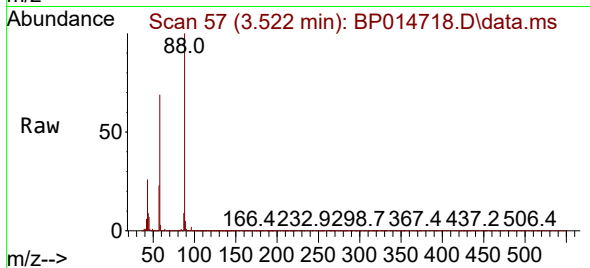




#2
1,4-Dioxane
Concen: 58.498 ng/uL
RT: 3.522 min Scan# 51
Delta R.T. -0.000 min
Lab File: BP014718.D
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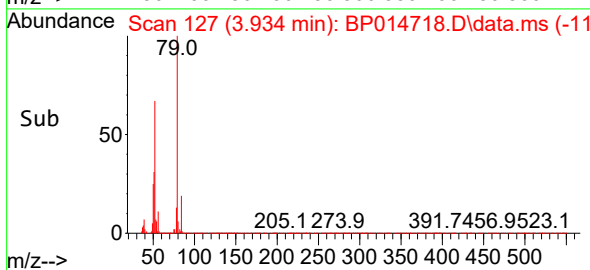
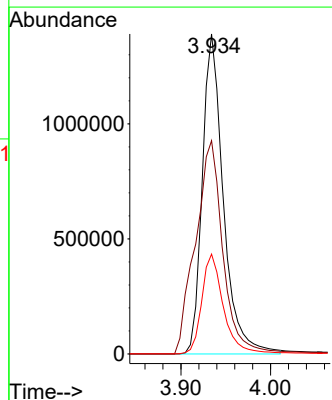
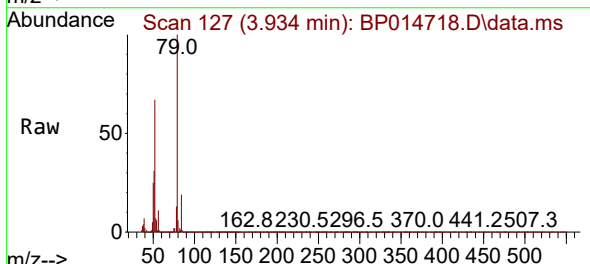
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BNA_P
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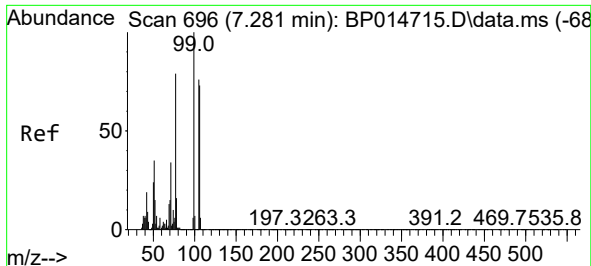
Tgt Ion: 88 Resp: 350404
Ion Ratio Lower Upper
88 100
43 25.6 25.0 37.6
58 69.5 54.9 82.3



#5
Pyridine
Concen: 154.905 ng/uL
RT: 3.934 min Scan# 127
Delta R.T. -0.000 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

Tgt Ion: 79 Resp: 2264365
Ion Ratio Lower Upper
79 100
52 66.7 58.3 87.5
51 31.2 27.8 41.6

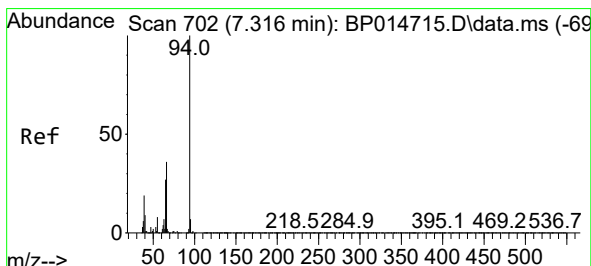
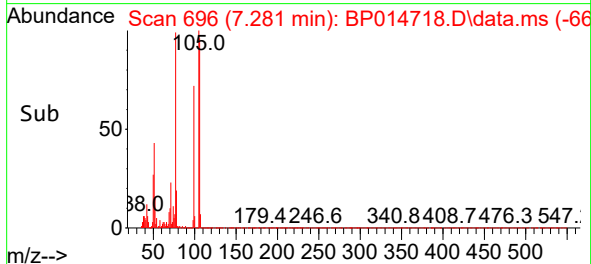
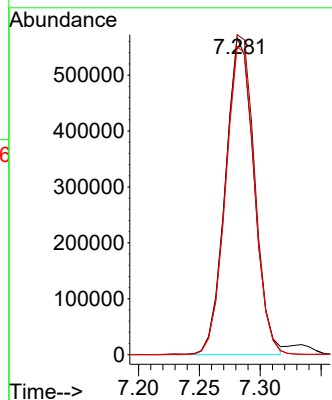
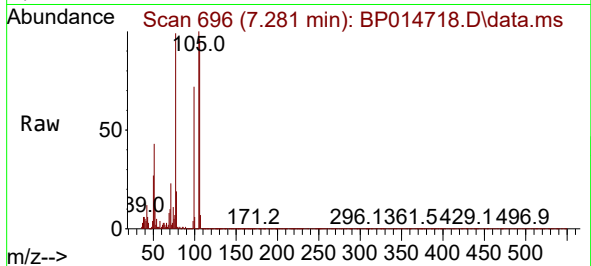




#6
Benzaldehyde
Concen: 95.436 ng/ul
RT: 7.281 min Scan# 696
Delta R.T. -0.000 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

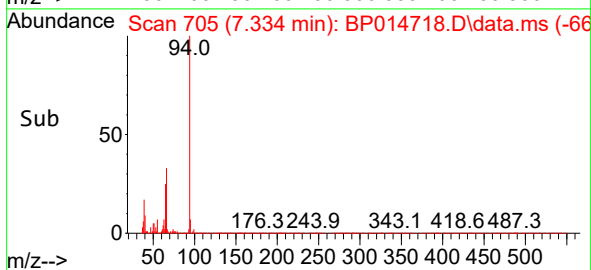
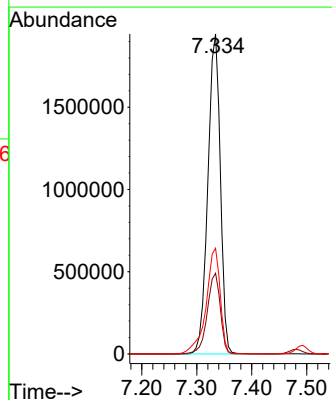
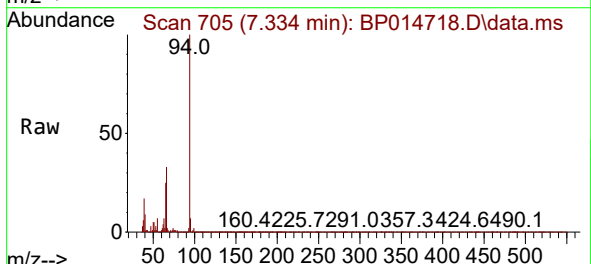
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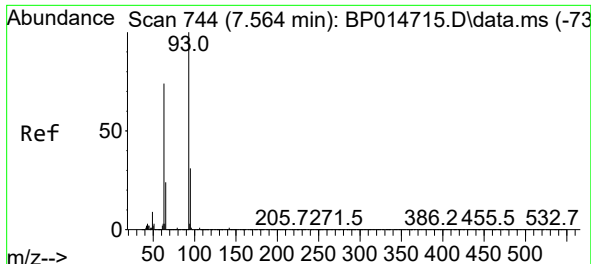
Tgt Ion: 77 Resp: 924747
Ion Ratio Lower Upper
77 100
105 101.0 76.6 114.8
106 97.3 73.3 109.9



#8
Phenol
Concen: 151.143 ng/ul
RT: 7.334 min Scan# 705
Delta R.T. 0.018 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

Tgt Ion: 94 Resp: 3056494
Ion Ratio Lower Upper
94 100
65 25.3 21.4 32.0
66 33.1 29.2 43.8

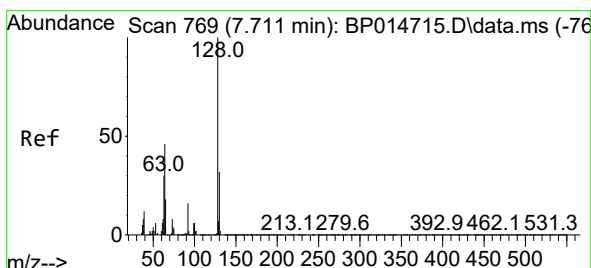
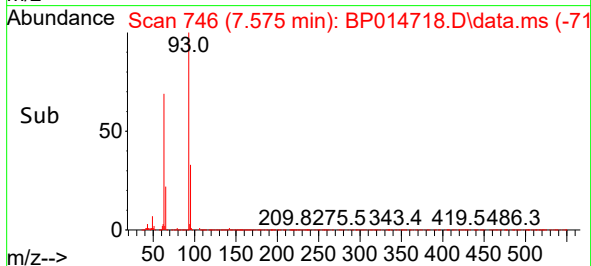
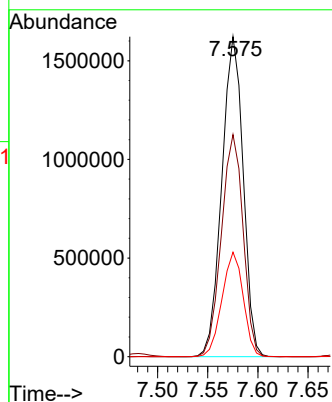
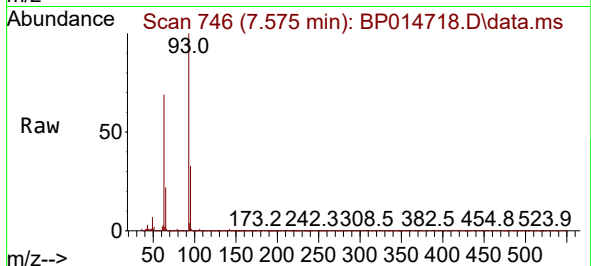




#10
Bis(2-Chloroethyl)ether
Concen: 147.572 ng/ul
RT: 7.575 min Scan# 744
Delta R.T. 0.012 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

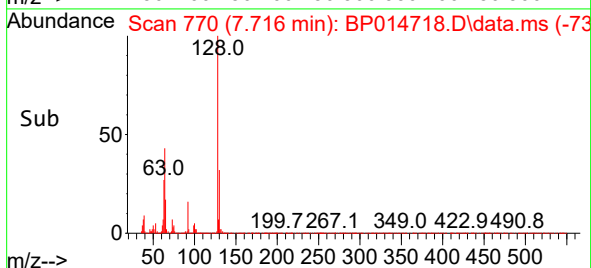
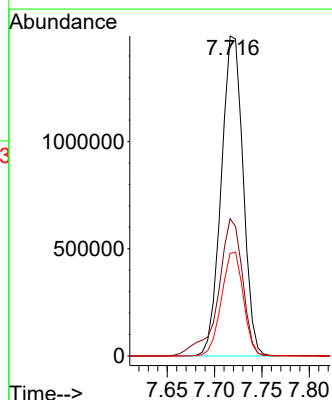
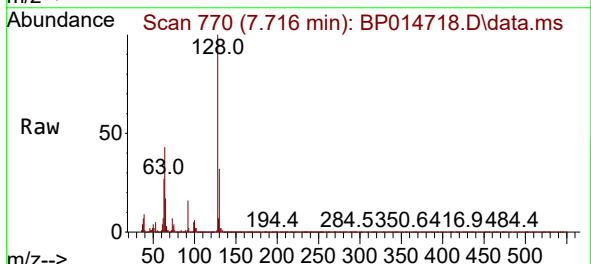
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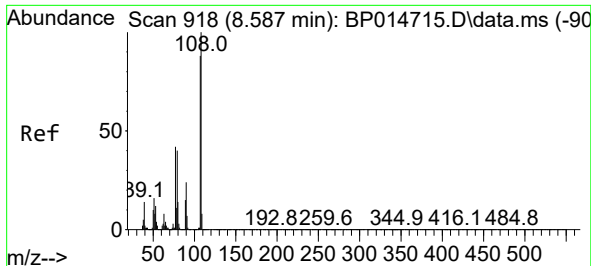
Tgt Ion: 93 Resp: 2398195
Ion Ratio Lower Upper
93 100
63 69.4 59.1 88.7
95 32.7 25.1 37.7



#12
2-Chlorophenol
Concen: 164.008 ng/ul
RT: 7.716 min Scan# 770
Delta R.T. 0.006 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

Tgt Ion:128 Resp: 2405171
Ion Ratio Lower Upper
128 100
64 42.9 37.5 56.3
130 32.0 25.8 38.6





#13

2-Methylphenol

Concen: 153.438 ng/ul

RT: 8.593 min Scan# 918

Delta R.T. 0.006 min

Lab File: BP014718.D

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BNA_P

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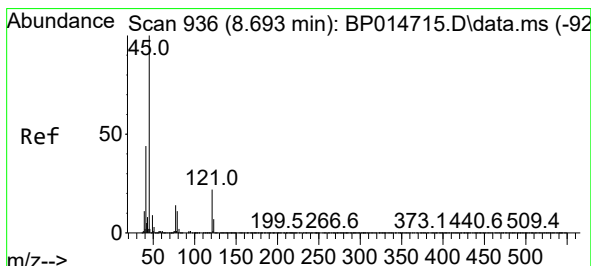
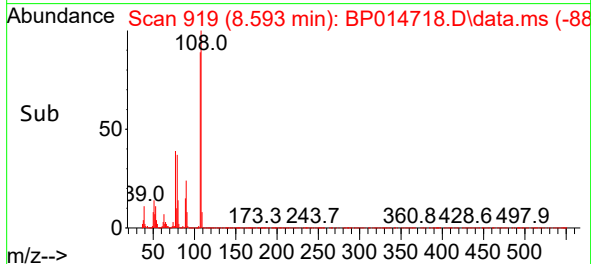
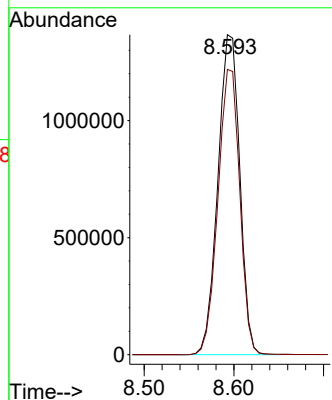
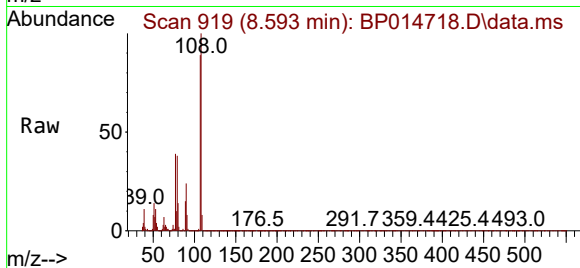
SSTD160637

Tgt Ion:108 Resp: 2314035

Ion Ratio Lower Upper

108 100

107 89.1 70.4 105.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 137.466 ng/ul

RT: 8.693 min Scan# 936

Delta R.T. -0.000 min

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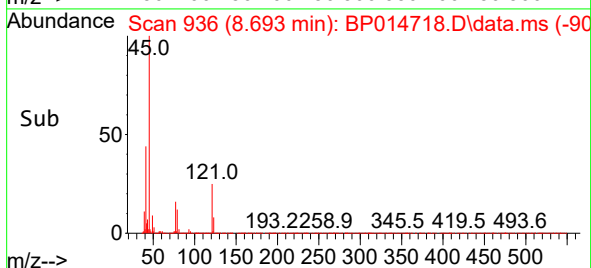
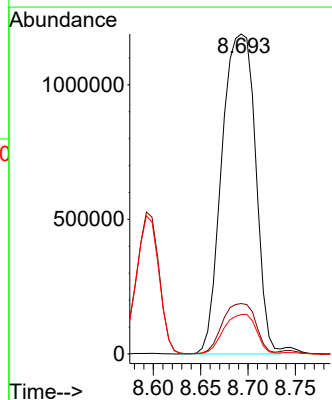
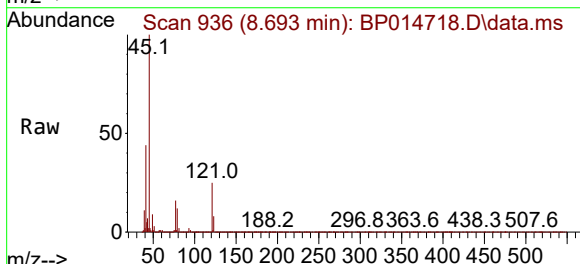
Tgt Ion: 45 Resp: 2933130

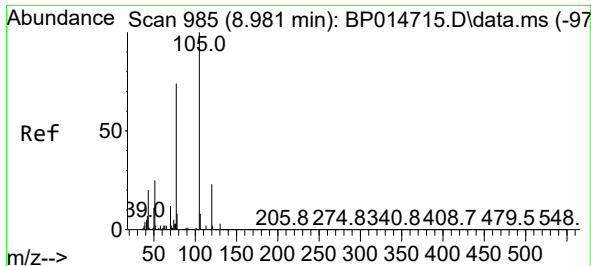
Ion Ratio Lower Upper

45 100

77 15.8 11.6 17.4

79 12.3 9.2 13.8

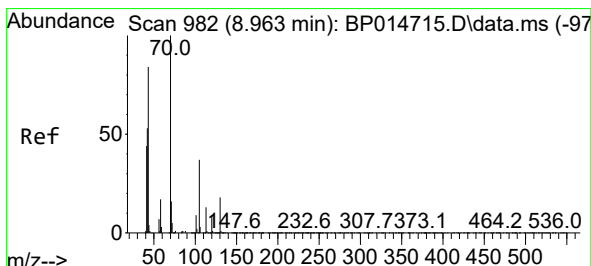
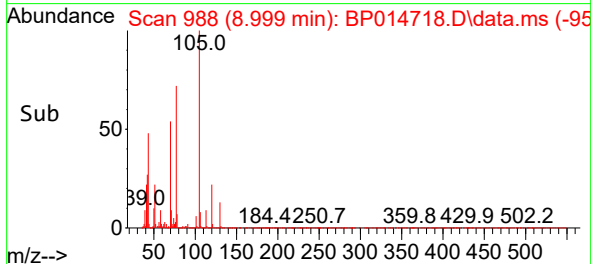
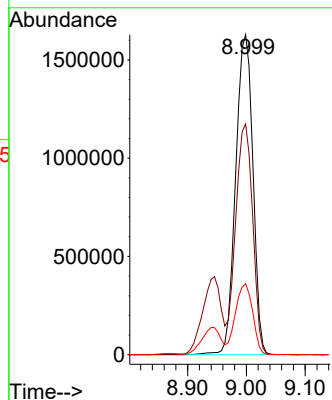
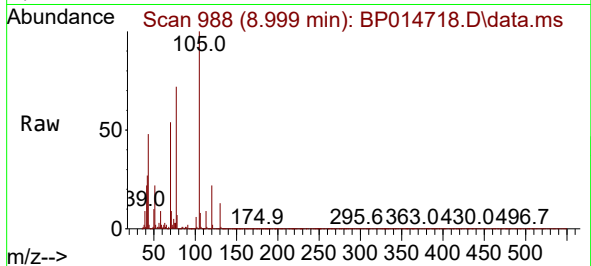




#16
Acetophenone
Concen: 127.592 ng/ul
RT: 8.999 min Scan# 911
Delta R.T. 0.018 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

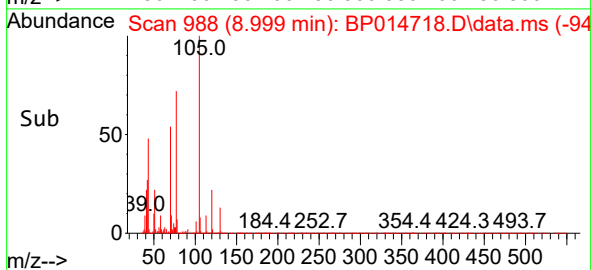
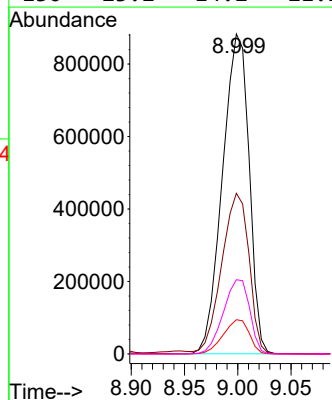
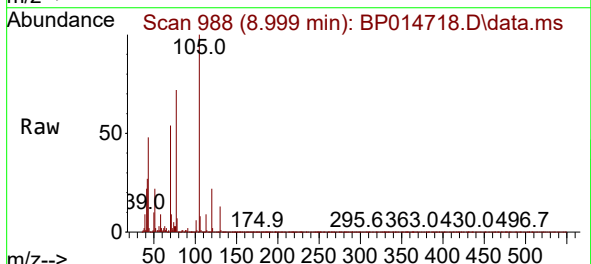
Instrument :
BNA_P
ClientSampleId :
SSTD160637

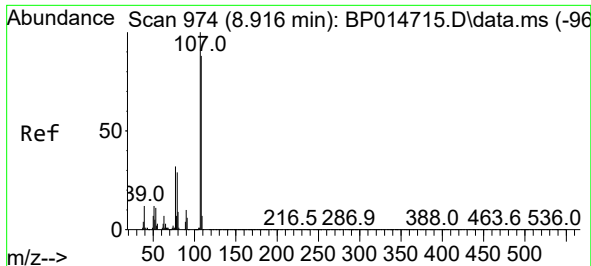
Tgt Ion:105 Resp: 3313046
Ion Ratio Lower Upper
105 100
77 72.1 60.6 91.0
51 22.1 20.8 31.2



#17
N-Nitroso-di-n-propylamine
Concen: 109.299 ng/ul
RT: 8.999 min Scan# 988
Delta R.T. 0.035 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

Tgt Ion: 70 Resp: 1533207
Ion Ratio Lower Upper
70 100
42 50.2 42.9 64.3
101 10.7 7.6 11.4
130 23.2 14.2 21.2#

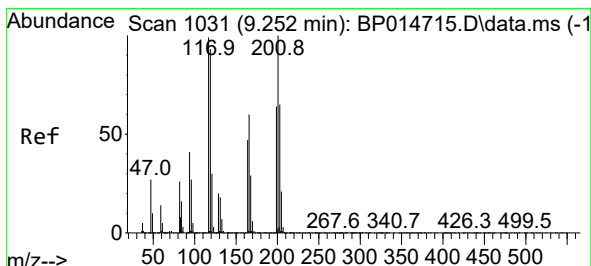
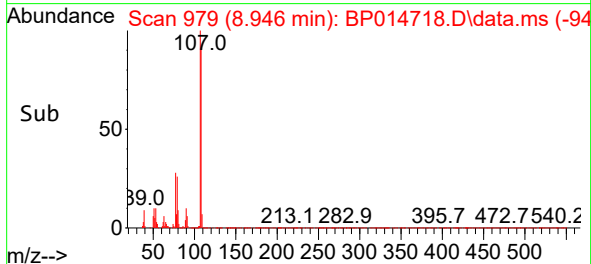
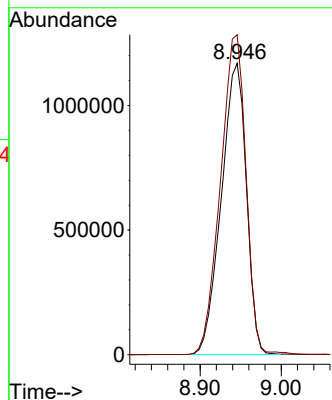
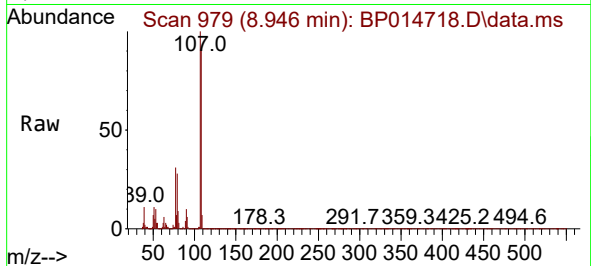




#18
4-Methylphenol
Concen: 151.112 ng/ul
RT: 8.946 min Scan# 91
Delta R.T. 0.029 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

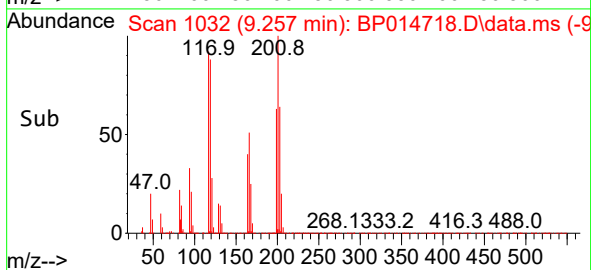
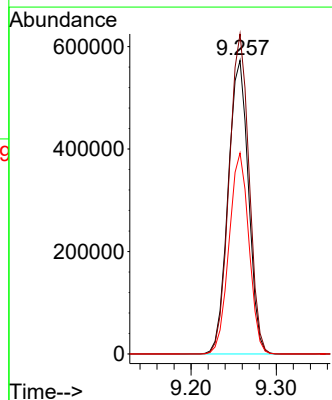
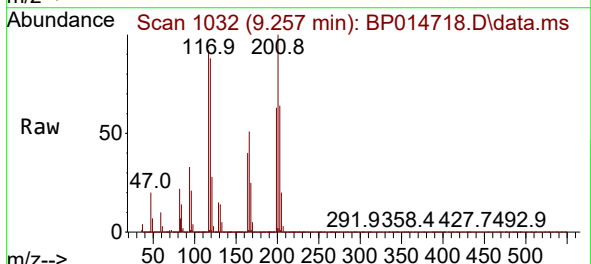
Instrument :
BNA_P
ClientSampleId :
SSTD160637

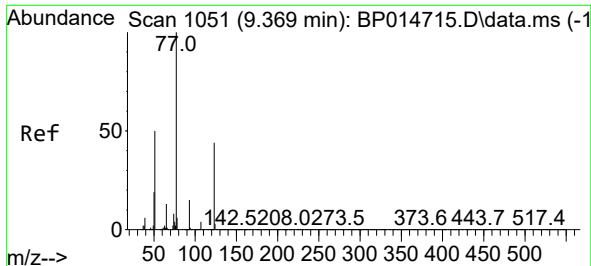
Tgt Ion:108 Resp: 2502832
Ion Ratio Lower Upper
108 100
107 109.9 90.8 136.2



#19
Hexachloroethane
Concen: 148.130 ng/ul
RT: 9.257 min Scan# 1032
Delta R.T. 0.006 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

Tgt Ion:117 Resp: 949156
Ion Ratio Lower Upper
117 100
201 109.0 81.0 121.4
199 68.4 51.5 77.3





#22

Nitrobenzene

Concen: 124.271 ng/ul

RT: 9.381 min Scan# 1053

Delta R.T. 0.012 min

Lab File: BP014718.D

Acq: 18 Apr 2023 18:30

Instrument :

BNA_P

ClientSampleId :

SSTD160637

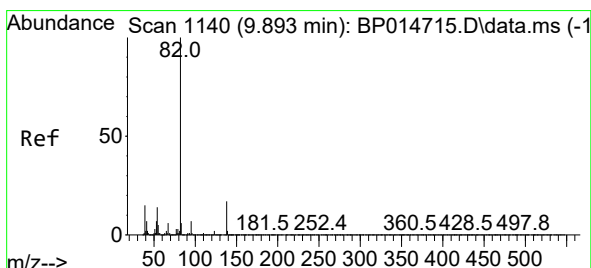
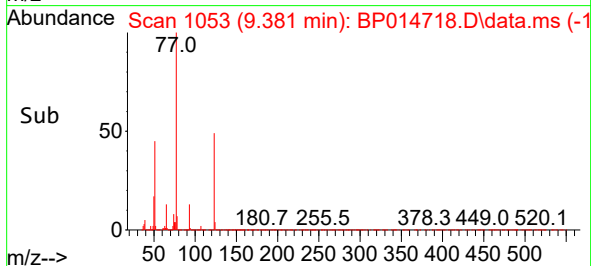
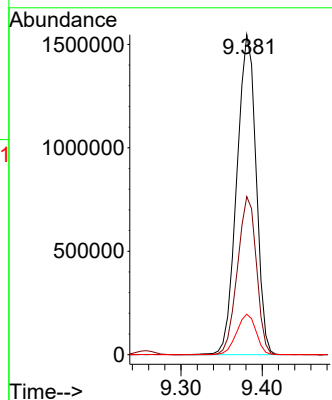
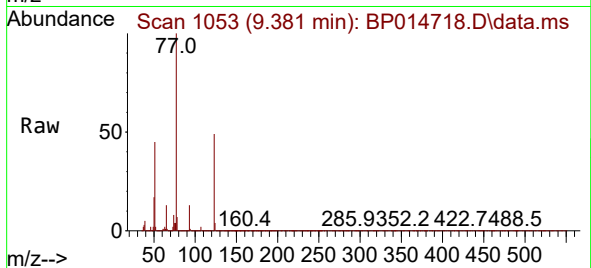
Tgt Ion: 77 Resp: 2550239

Ion Ratio Lower Upper

77 100

123 49.4 35.4 53.2

65 12.6 10.8 16.2



#23

Isophorone

Concen: 134.964 ng/ul

RT: 9.922 min Scan# 1145

Delta R.T. 0.029 min

Lab File: BP014718.D

Acq: 18 Apr 2023 18:30

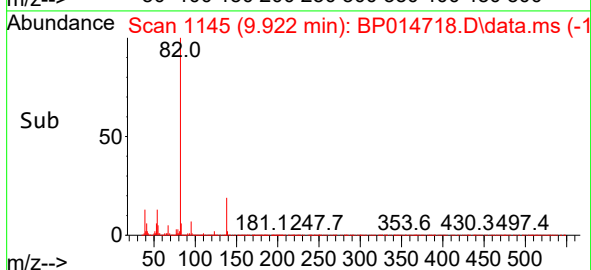
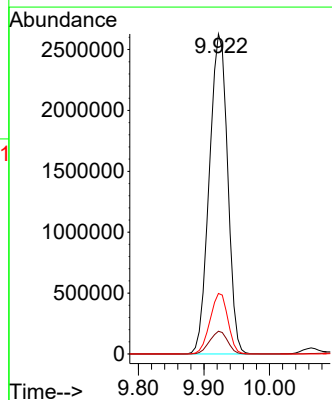
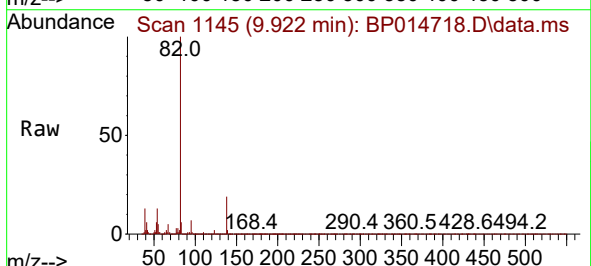
Tgt Ion: 82 Resp: 5105389

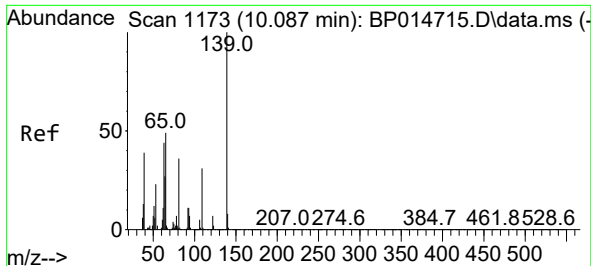
Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.8

138 18.9 13.6 20.4

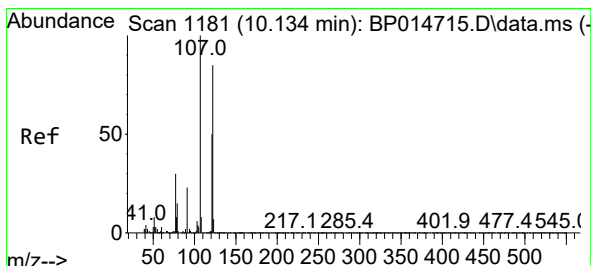
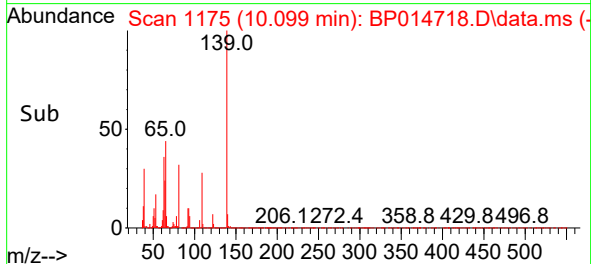
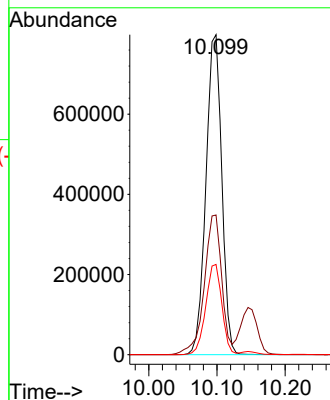
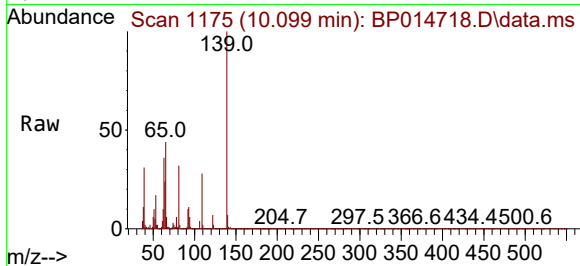




#25
2-Nitrophenol
Concen: 149.519 ng/ul
RT: 10.099 min Scan# 1175
Delta R.T. 0.012 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

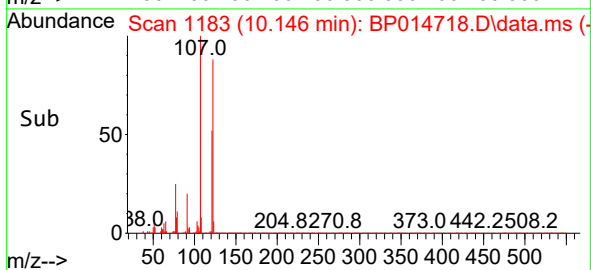
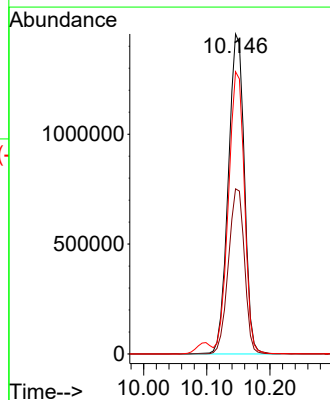
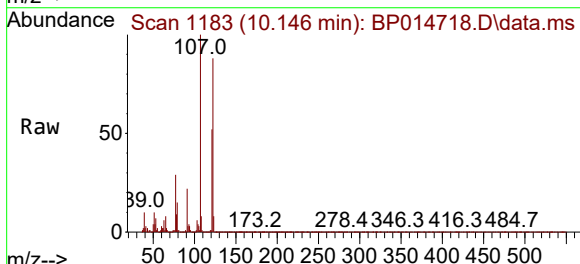
Instrument :
BNA_P
ClientSampleId :
SSTD160637

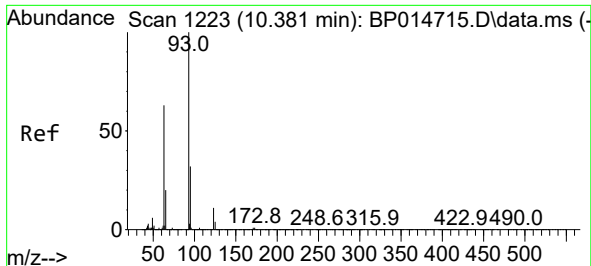
Tgt Ion:139 Resp: 1290892
Ion Ratio Lower Upper
139 100
65 43.7 39.4 59.2
109 28.2 24.6 37.0



#26
2,4-Dimethylphenol
Concen: 133.301 ng/ul
RT: 10.146 min Scan# 1183
Delta R.T. 0.012 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

Tgt Ion:107 Resp: 2575931
Ion Ratio Lower Upper
107 100
121 51.6 40.2 60.2
122 88.2 69.2 103.8



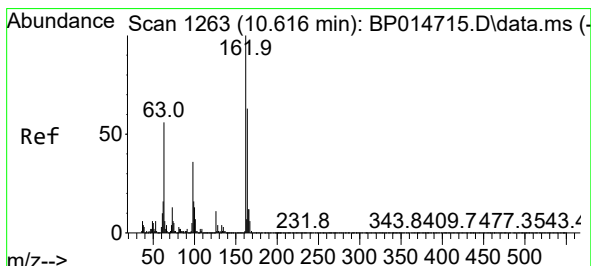
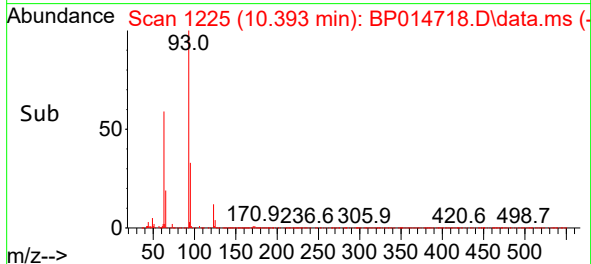
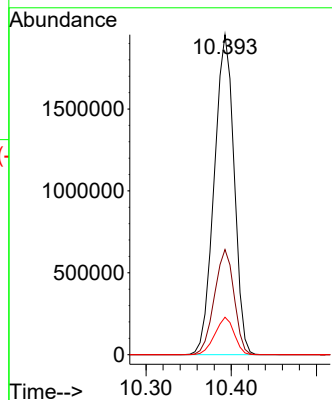
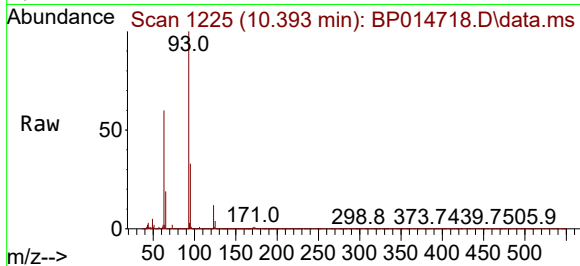


#27
 Bis(2-Chloroethoxy)methane
 Concen: 139.757 ng/ul
 RT: 10.393 min Scan# 1225
 Delta R.T. 0.012 min
 Lab File: BP014718.D
 Acq: 18 Apr 2023 18:30

Instrument :
 BNA_P
 ClientSampleId :
 SSTD160637

Tgt Ion: 93 Resp: 3169607

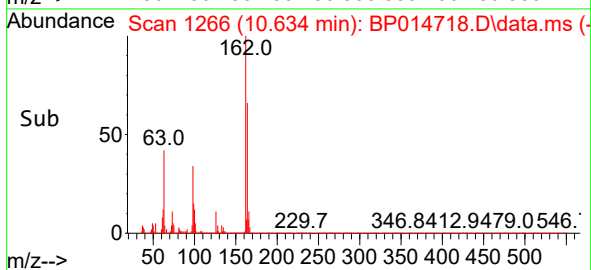
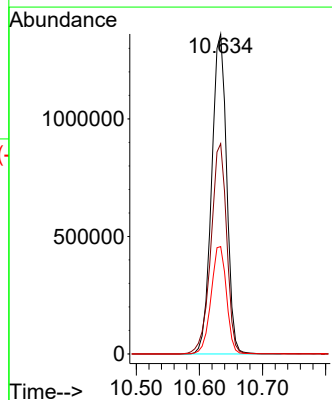
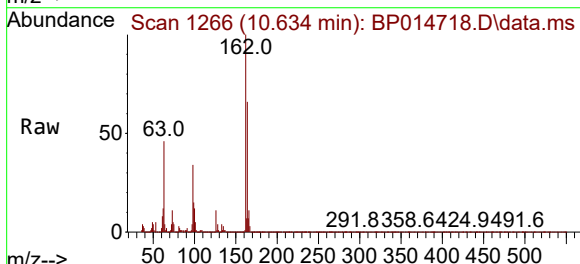
Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.9	38.9
123	11.7	9.0	13.6

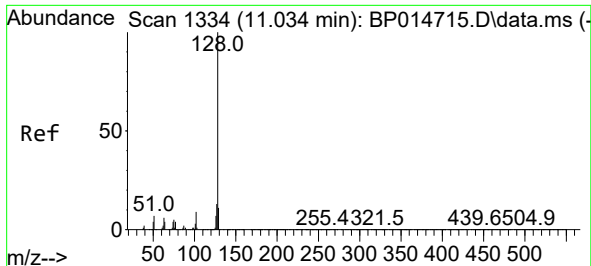


#29
 2,4-Dichlorophenol
 Concen: 153.567 ng/ul
 RT: 10.634 min Scan# 1266
 Delta R.T. 0.018 min
 Lab File: BP014718.D
 Acq: 18 Apr 2023 18:30

Tgt Ion: 162 Resp: 2251331

Ion	Ratio	Lower	Upper
162	100		
164	65.7	50.6	76.0
98	33.5	28.8	43.2

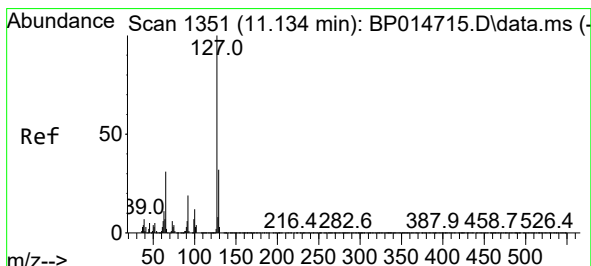
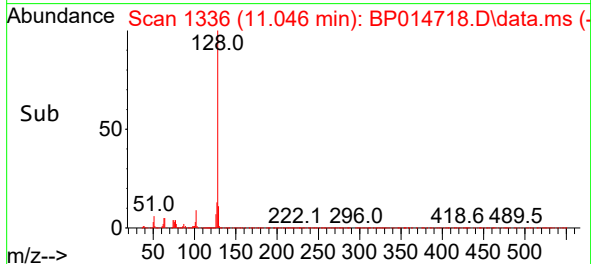
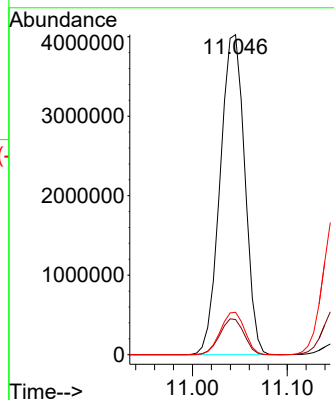
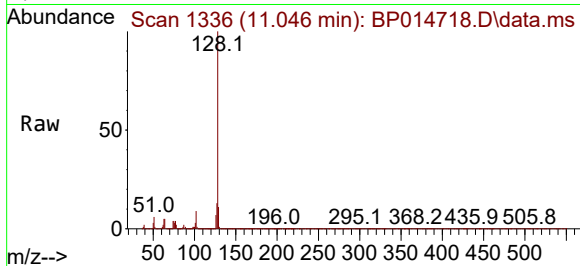




#30
Naphthalene
Concen: 147.354 ng/ul
RT: 11.046 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

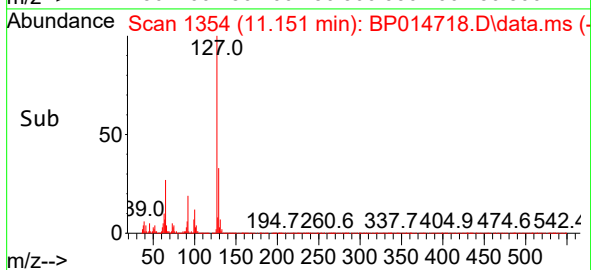
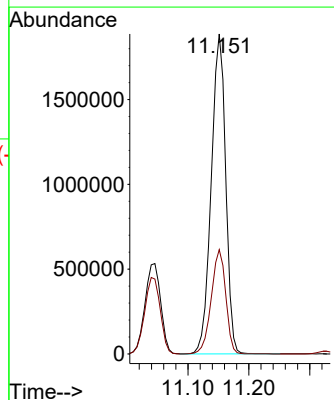
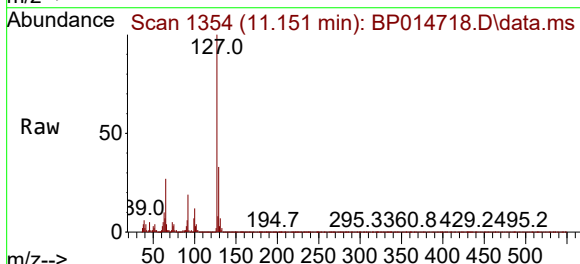
Instrument :
BNA_P
ClientSampleId :
SSTD160637

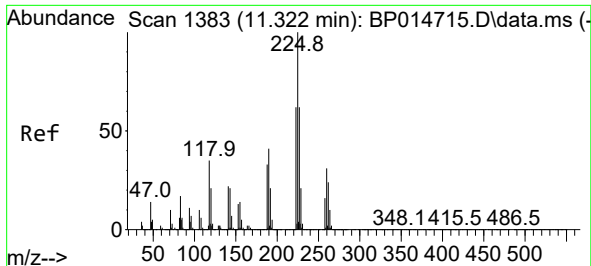
Tgt Ion:128 Resp: 7262814
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.2 10.4 15.6



#32
4-Chloroaniline
Concen: 156.260 ng/ul
RT: 11.151 min Scan# 1354
Delta R.T. 0.018 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

Tgt Ion:127 Resp: 3105561
Ion Ratio Lower Upper
127 100
129 32.6 26.0 39.0

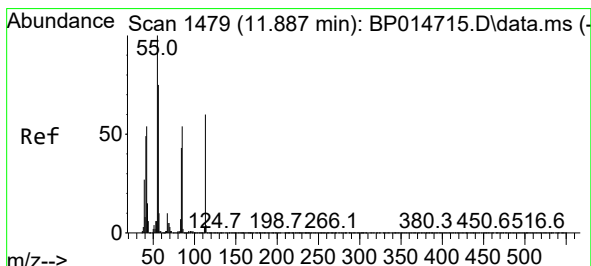
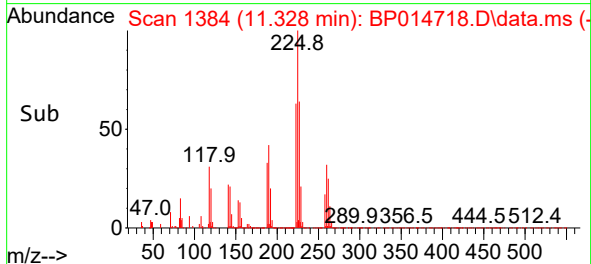
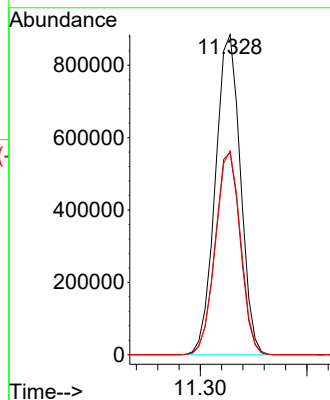
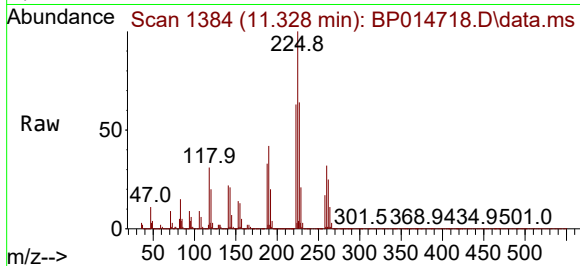




#33
Hexachlorobutadiene
Concen: 124.200 ng/ul
RT: 11.328 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

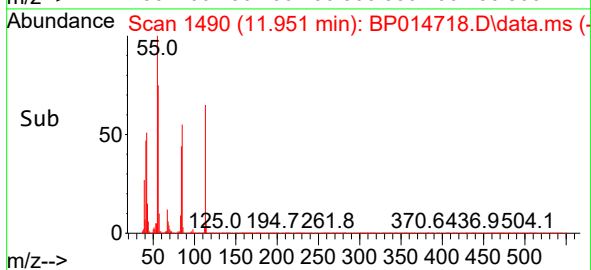
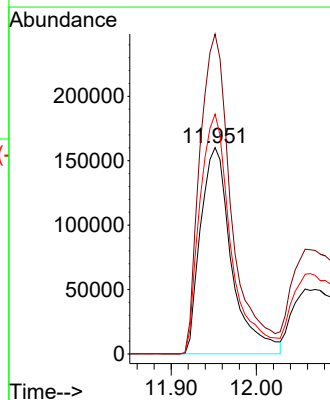
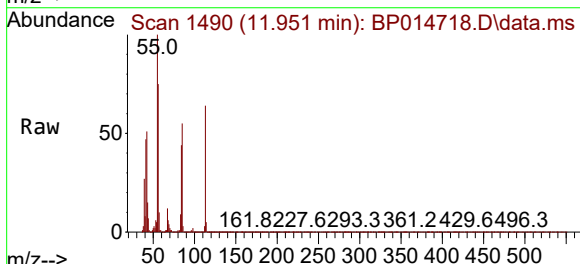
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BNA_P
ClientSampleId :
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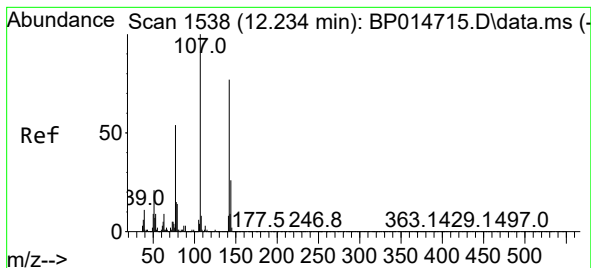
Tgt Ion:225 Resp: 1442517
Ion Ratio Lower Upper
225 100
223 63.2 49.2 73.8
227 63.6 49.4 74.2



#34
Caprolactam
Concen: 93.637 ng/ul
RT: 11.951 min Scan# 1490
Delta R.T. 0.065 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

Tgt Ion:113 Resp: 405541
Ion Ratio Lower Upper
113 100
55 155.1 135.4 203.0
56 116.2 101.0 151.4

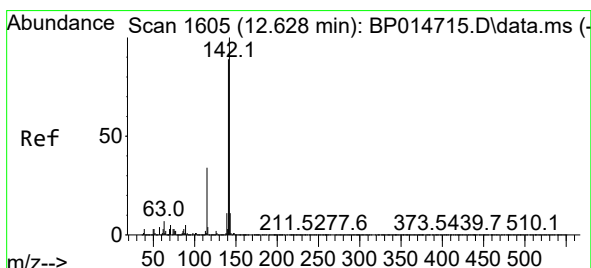
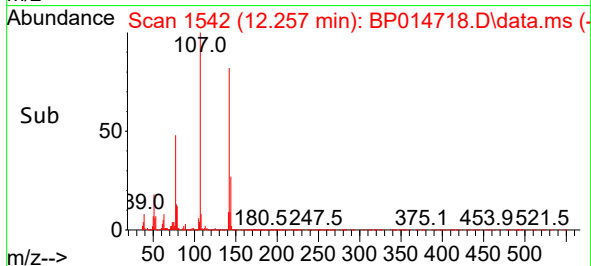
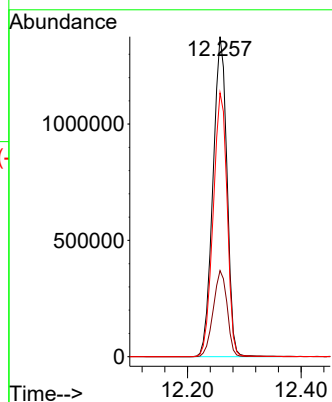
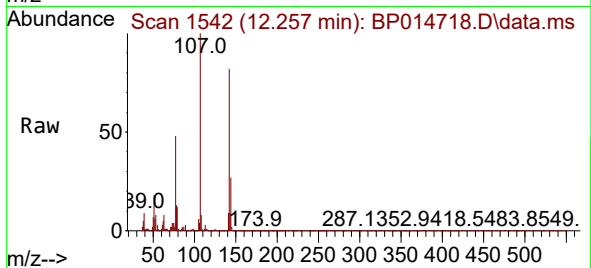




#35
4-Chloro-3-methylphenol
Concen: 130.088 ng/ul
RT: 12.257 min Scan# 1542
Delta R.T. 0.023 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

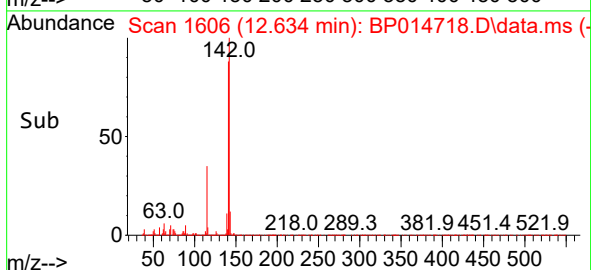
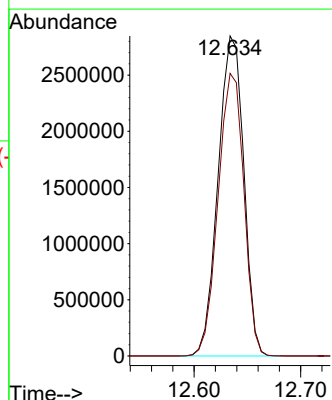
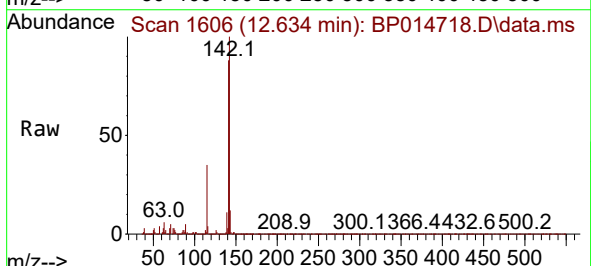
Instrument :
BNA_P
ClientSampleId :
SSTD160637

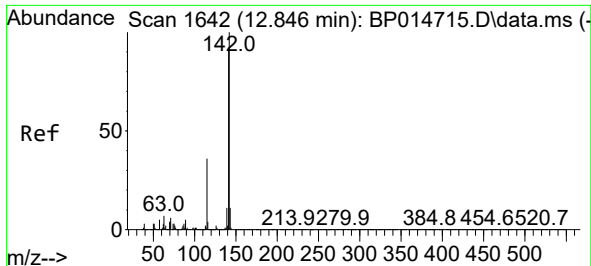
Tgt Ion:107 Resp: 2345737
Ion Ratio Lower Upper
107 100
144 26.9 20.5 30.7
142 82.4 61.9 92.9



#36
2-Methylnaphthalene
Concen: 142.638 ng/ul
RT: 12.634 min Scan# 1606
Delta R.T. 0.006 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

Tgt Ion:142 Resp: 4764502
Ion Ratio Lower Upper
142 100
141 88.3 70.9 106.3

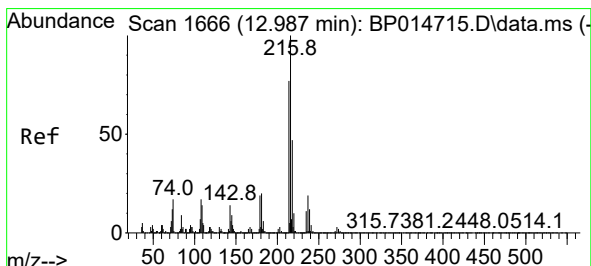
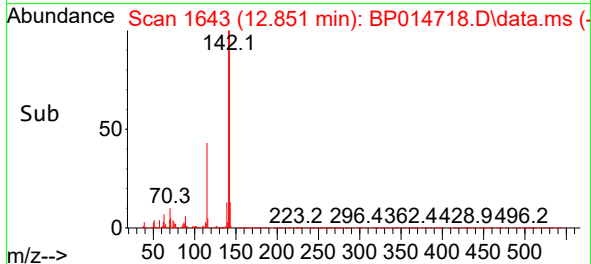
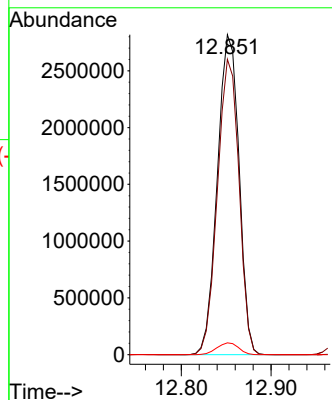
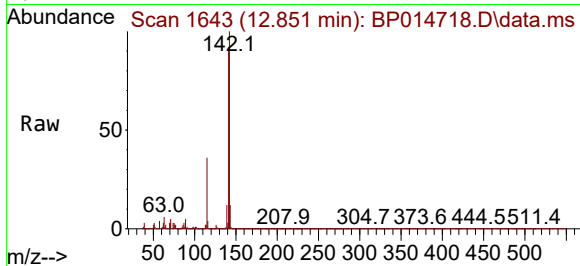




#37
1-Methylnaphthalene
Concen: 142.582 ng/ul
RT: 12.851 min Scan# 1643
Delta R.T. 0.006 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

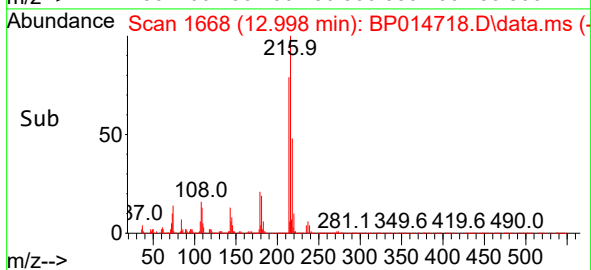
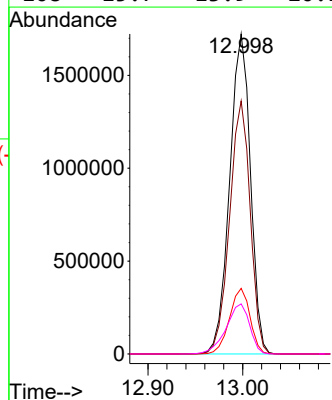
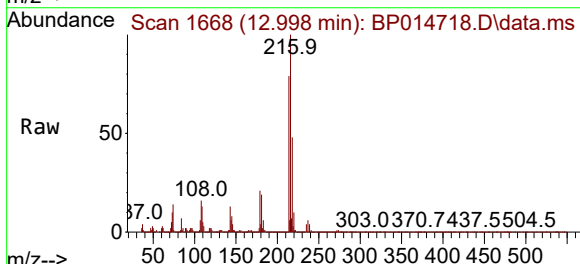
Instrument :
BNA_P
ClientSampleId :
SSTD160637

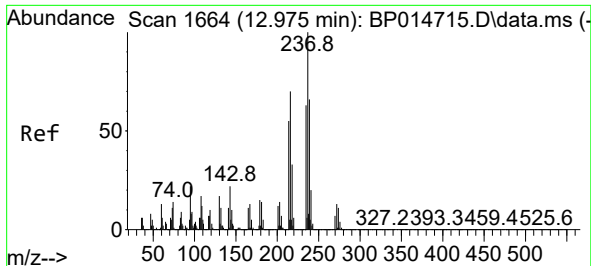
Tgt Ion:142 Resp: 4723368
Ion Ratio Lower Upper
142 100
141 92.3 73.8 110.6
116 3.7 3.3 4.9



#39
1,2,4,5-Tetrachlorobenzene
Concen: 135.183 ng/ul
RT: 12.998 min Scan# 1668
Delta R.T. 0.012 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

Tgt Ion:216 Resp: 2617518
Ion Ratio Lower Upper
216 100
214 79.0 61.7 92.5
179 20.5 15.5 23.3
108 15.7 13.9 20.9

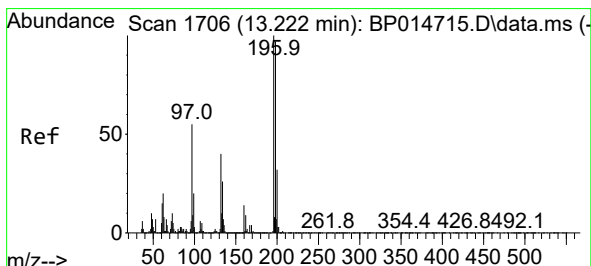
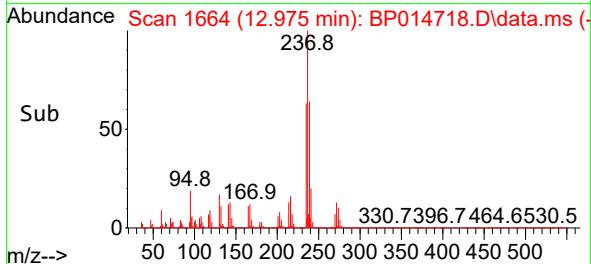
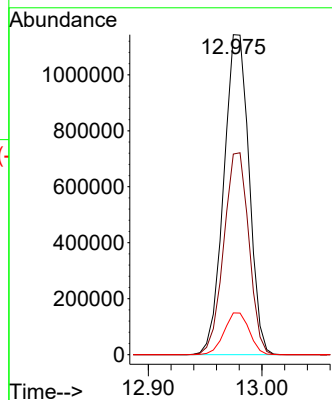
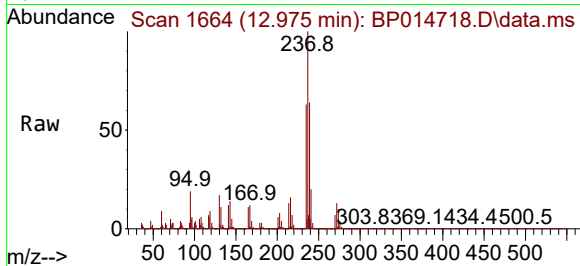




#40
Hexachlorocyclopentadiene
Concen: 140.738 ng/ul
RT: 12.975 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

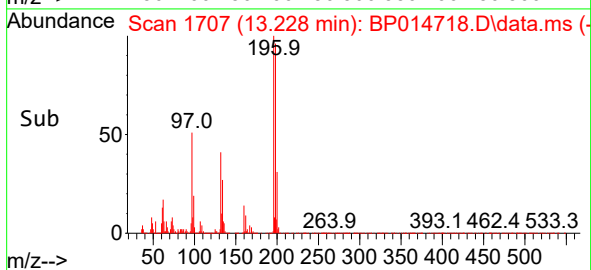
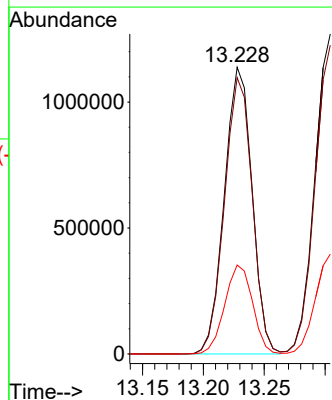
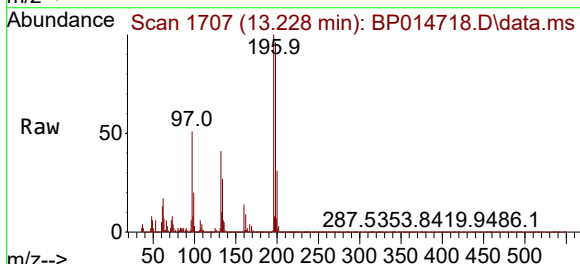
Instrument :
BNA_P
ClientSampleId :
SSTD160637

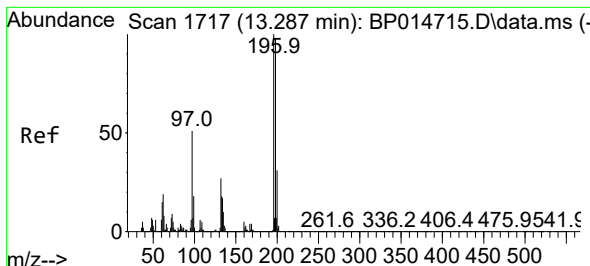
Tgt Ion:237 Resp: 1764731
Ion Ratio Lower Upper
237 100
235 62.7 50.6 76.0
272 13.0 10.6 15.8



#41
2,4,6-Trichlorophenol
Concen: 150.578 ng/ul
RT: 13.228 min Scan# 1707
Delta R.T. 0.006 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

Tgt Ion:196 Resp: 1804201
Ion Ratio Lower Upper
196 100
198 96.4 77.8 116.8
200 31.0 25.7 38.5





#42

2,4,5-Trichlorophenol

Concen: 154.324 ng/ul

RT: 13.304 min Scan# 1717

Delta R.T. 0.018 min

Lab File: BP014718.D

Acq: 18 Apr 2023 18:30

Instrument :

BNA_P

ClientSampleId :

SSTD160637

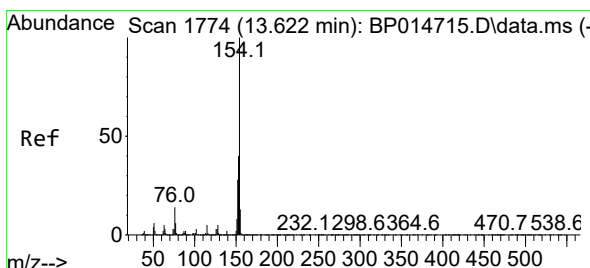
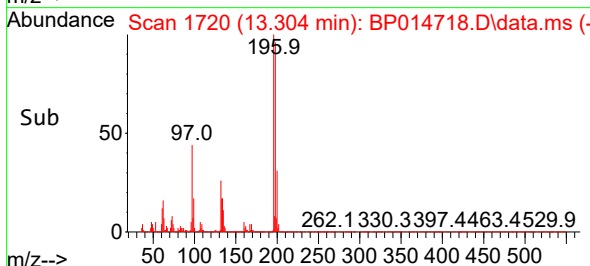
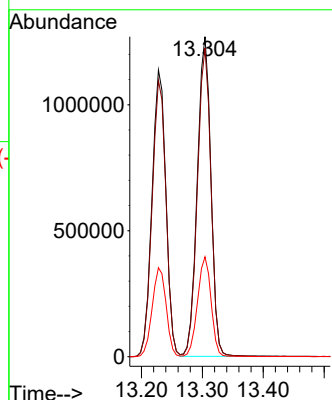
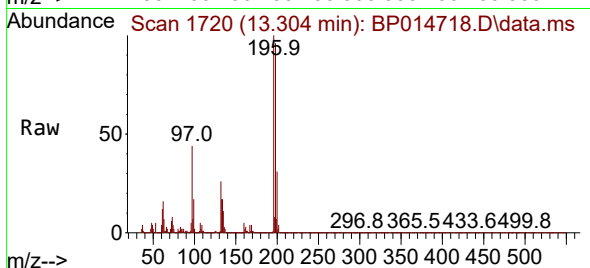
Tgt Ion:196 Resp: 1968515

Ion Ratio Lower Upper

196 100

198 96.5 78.0 117.0

200 31.2 24.7 37.1



#43

1,1'-Biphenyl

Concen: 141.012 ng/ul

RT: 13.634 min Scan# 1776

Delta R.T. 0.012 min

Lab File: BP014718.D

Acq: 18 Apr 2023 18:30

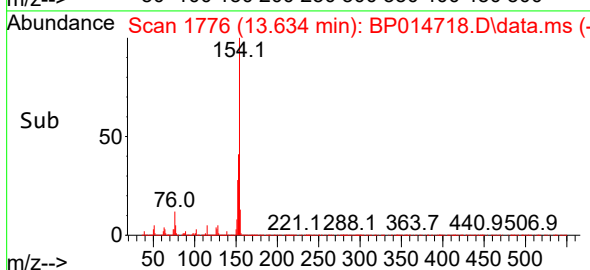
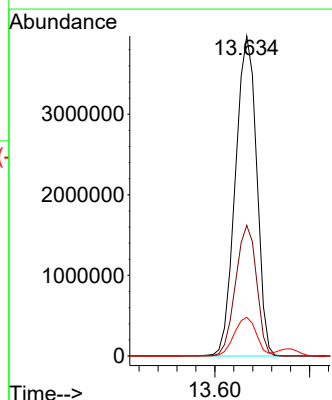
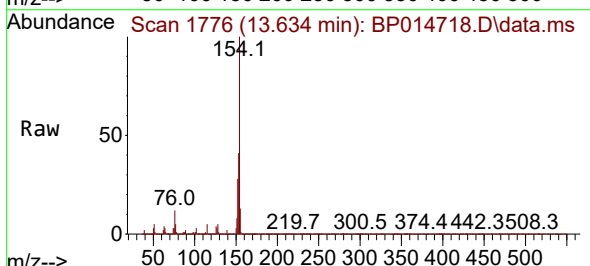
Tgt Ion:154 Resp: 6187022

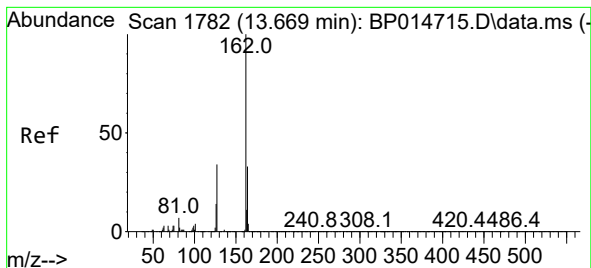
Ion Ratio Lower Upper

154 100

153 40.8 31.9 47.9

76 12.1 10.8 16.2





#44

2-Chloronaphthalene

Concen: 144.105 ng/ul

RT: 13.681 min Scan# 1

Delta R.T. 0.012 min

Lab File: BP014718.D

Acq: 18 Apr 2023 18:30

Instrument :

BNA_P

ClientSampleId :

SSTD160637

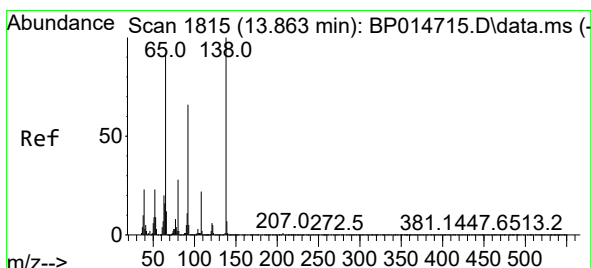
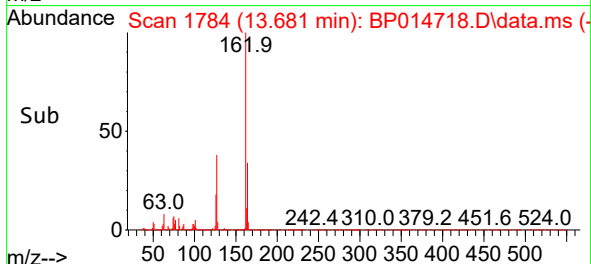
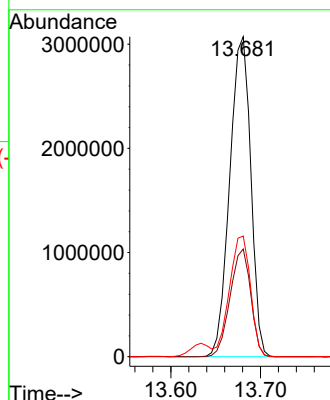
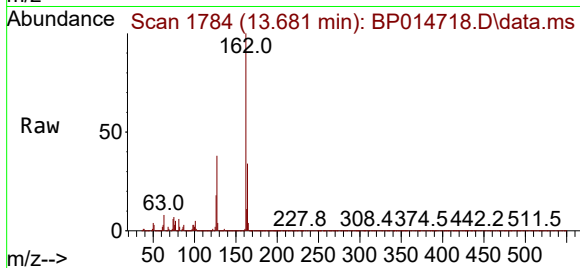
Tgt Ion:162 Resp: 4999263

Ion Ratio Lower Upper

162 100

164 33.6 26.6 39.8

127 37.7 30.5 45.7



#45

2-Nitroaniline

Concen: 126.379 ng/ul

RT: 13.875 min Scan# 1817

Delta R.T. 0.012 min

Lab File: BP014718.D

Acq: 18 Apr 2023 18:30

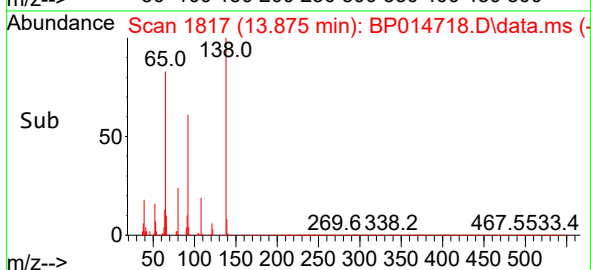
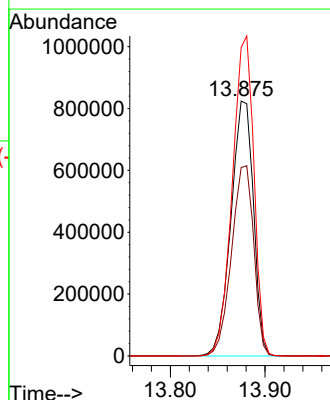
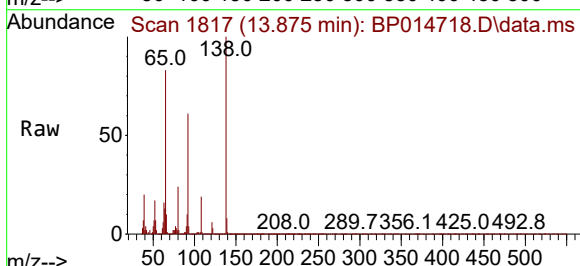
Tgt Ion: 65 Resp: 1357770

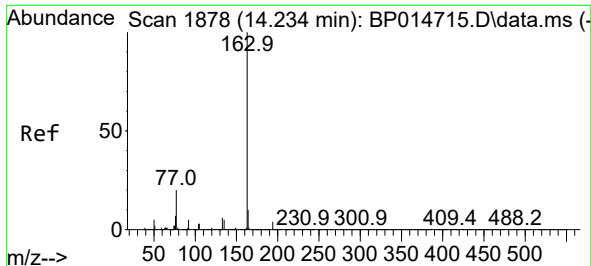
Ion Ratio Lower Upper

65 100

92 73.9 57.0 85.4

138 121.0 86.8 130.2

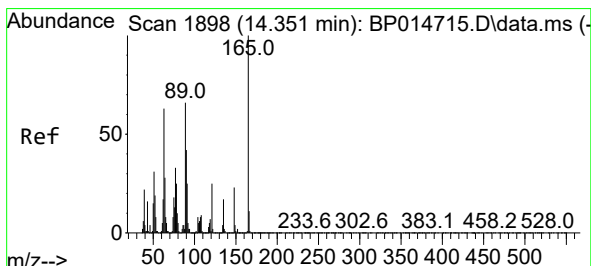
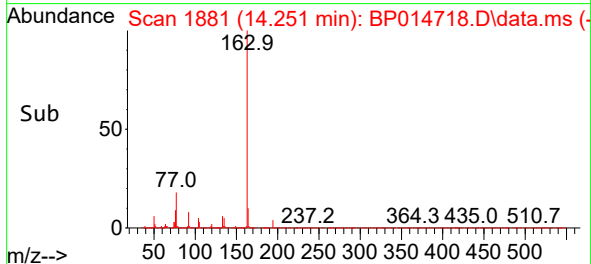
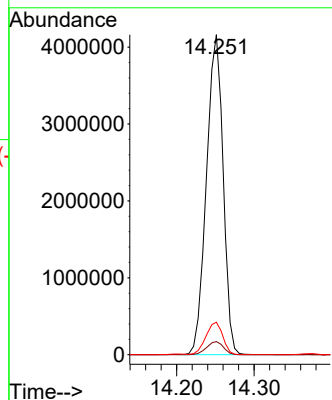
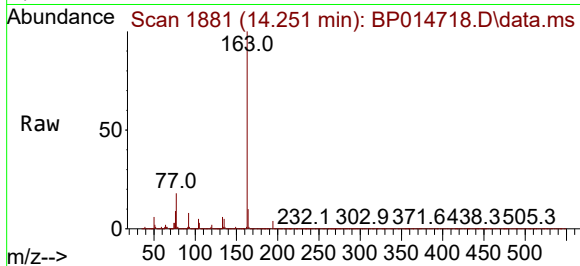




#47
Dimethylphthalate
Concen: 140.999 ng/ul
RT: 14.251 min Scan# 1881
Delta R.T. 0.018 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

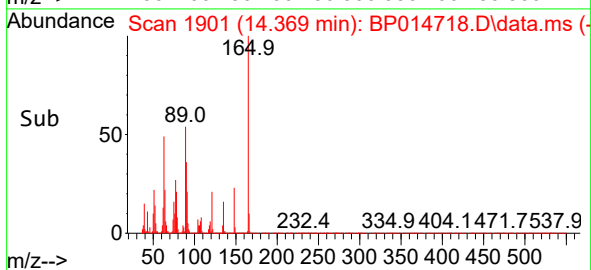
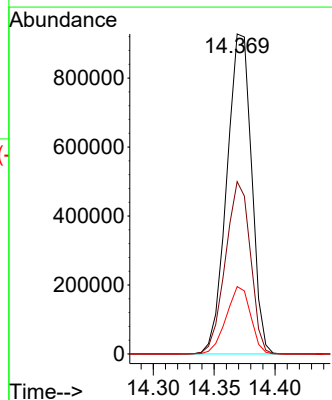
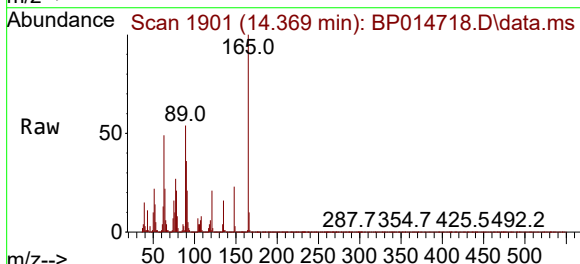
Instrument :
BNA_P
ClientSampleId :
SSTD160637

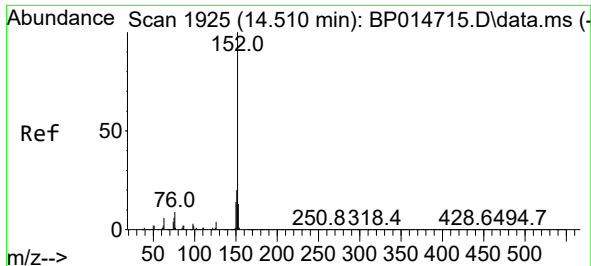
Tgt Ion:163 Resp: 6207774
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.2 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 152.786 ng/ul
RT: 14.369 min Scan# 1901
Delta R.T. 0.018 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

Tgt Ion:165 Resp: 1314224
Ion Ratio Lower Upper
165 100
89 53.8 53.0 79.6
121 21.1 19.8 29.6

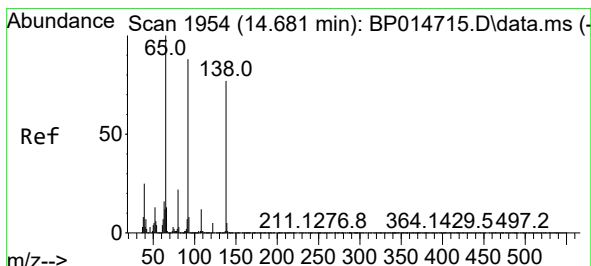
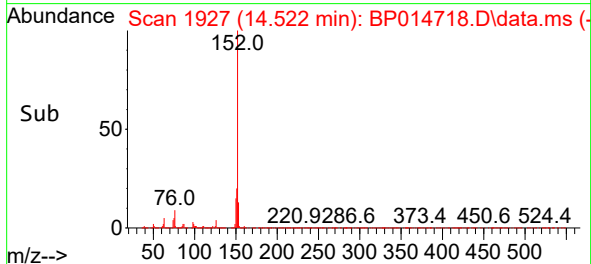
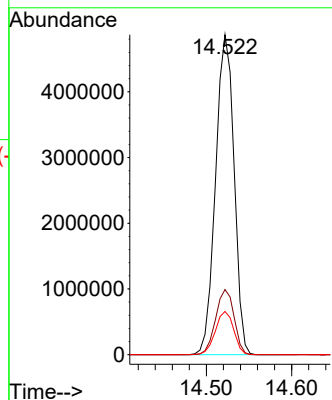
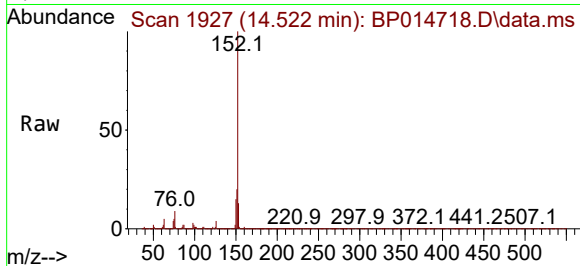




#50
Acenaphthylene
Concen: 141.186 ng/ul
RT: 14.522 min Scan# 1927
Delta R.T. 0.012 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

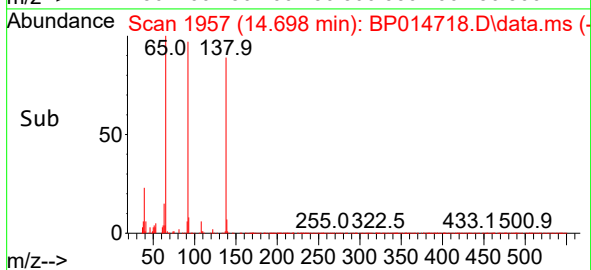
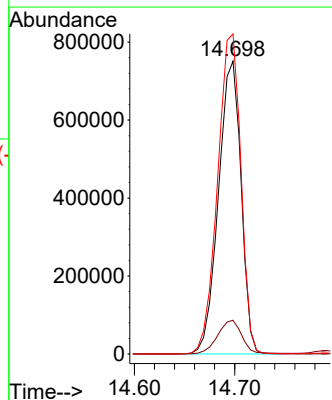
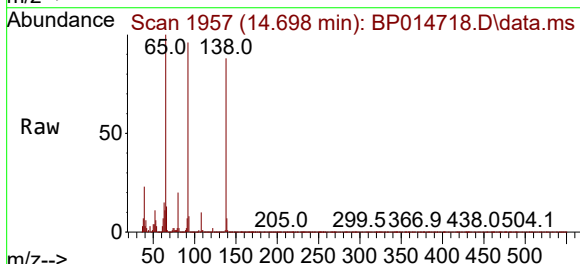
Instrument :
BNA_P
ClientSampleId :
SSTD160637

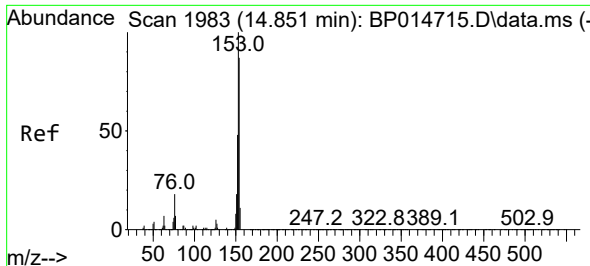
Tgt Ion:152 Resp: 7346680
Ion Ratio Lower Upper
152 100
151 20.4 15.7 23.5
153 13.5 10.0 15.0



#51
3-Nitroaniline
Concen: 152.612 ng/ul
RT: 14.698 min Scan# 1957
Delta R.T. 0.018 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

Tgt Ion:138 Resp: 1176053
Ion Ratio Lower Upper
138 100
108 11.6 12.9 19.3#
92 109.3 91.5 137.3

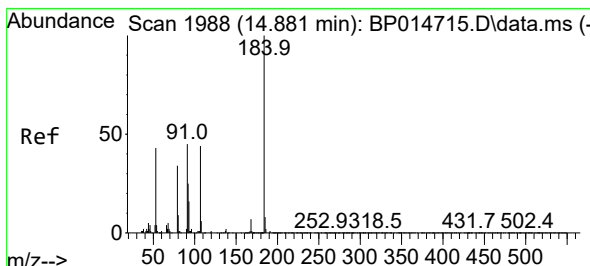
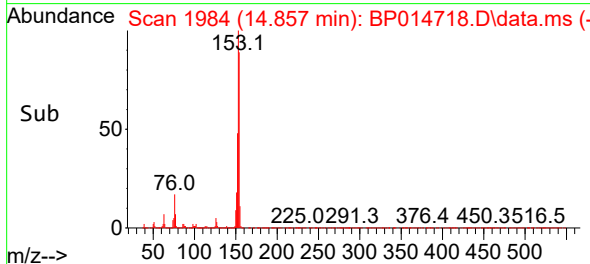
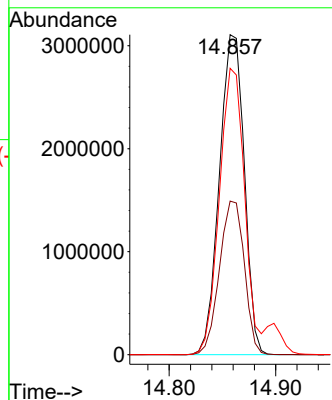
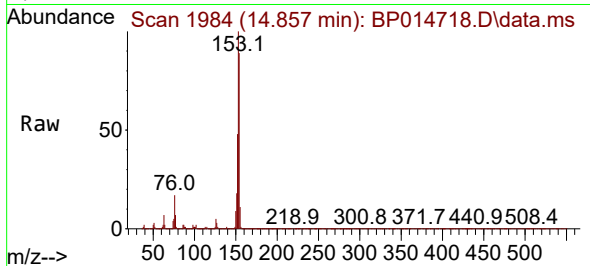




#52
Acenaphthene
Concen: 137.193 ng/ul
RT: 14.857 min Scan# 1991
Delta R.T. 0.006 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

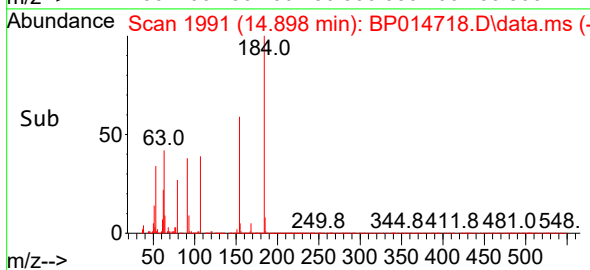
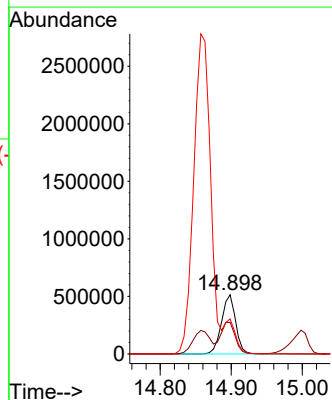
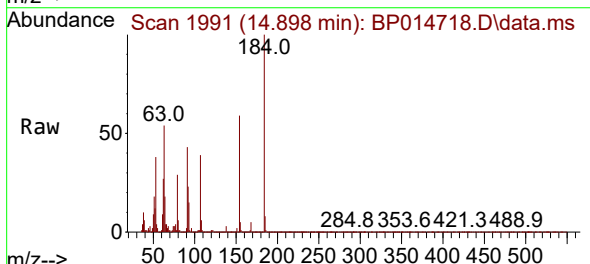
Instrument :
BNA_P
ClientSampleId :
SSTD160637

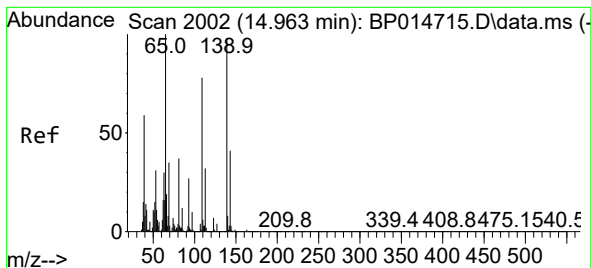
Tgt Ion:153 Resp: 5044695
Ion Ratio Lower Upper
153 100
152 48.0 38.4 57.6
154 89.5 69.8 104.8



#53
2,4-Dinitrophenol
Concen: 126.637 ng/ul
RT: 14.898 min Scan# 1991
Delta R.T. 0.018 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

Tgt Ion:184 Resp: 705404
Ion Ratio Lower Upper
184 100
63 53.7 51.1 76.7
154 59.3 54.0 81.0

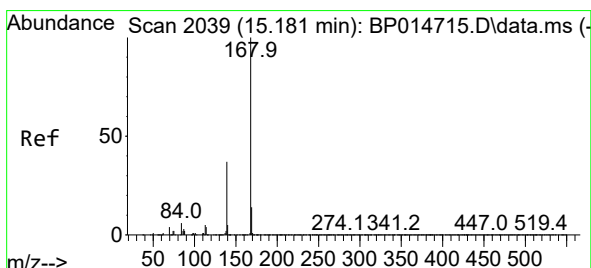
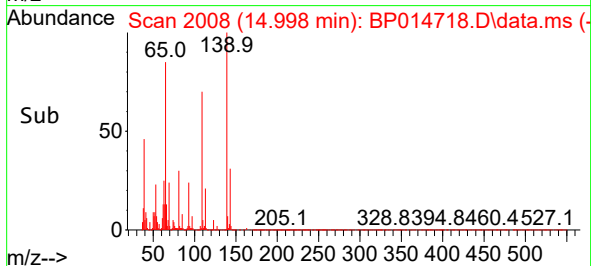
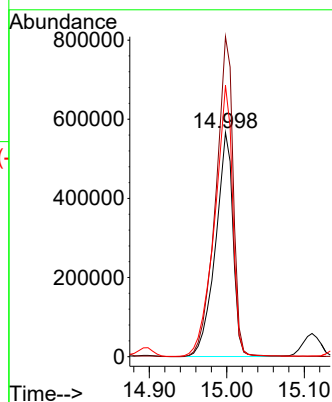
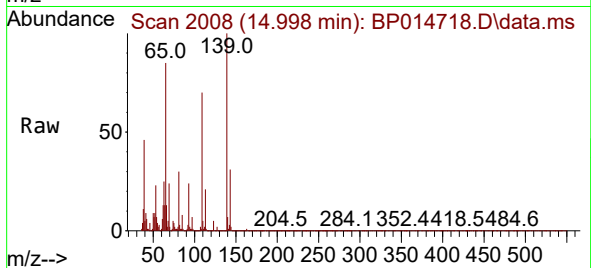




#55
4-Nitrophenol
Concen: 135.139 ng/ul
RT: 14.998 min Scan# 2008
Delta R.T. 0.035 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

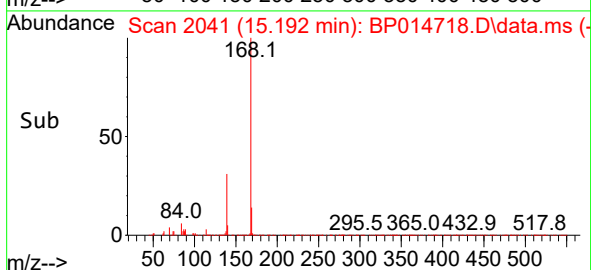
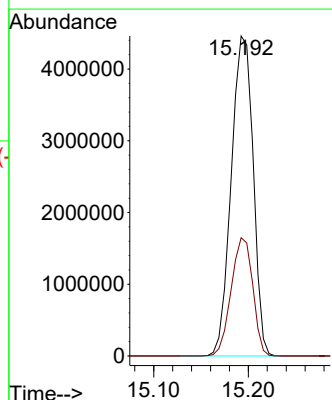
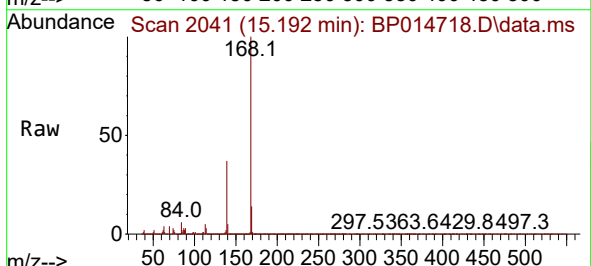
Instrument :
BNA_P
ClientSampleId :
SSTD160637

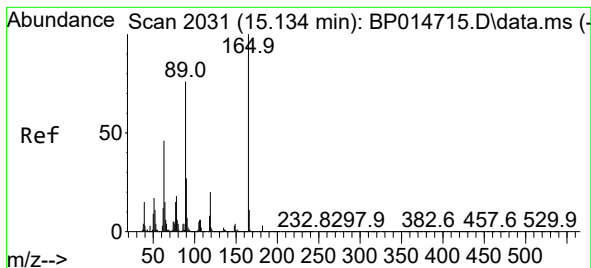
Tgt Ion:109 Resp: 887230
Ion Ratio Lower Upper
109 100
139 142.8 100.5 150.7
65 121.0 102.4 153.6



#56
Dibenzofuran
Concen: 138.455 ng/ul
RT: 15.192 min Scan# 2041
Delta R.T. 0.012 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

Tgt Ion:168 Resp: 7156840
Ion Ratio Lower Upper
168 100
139 37.0 29.8 44.8





#57

2,4-Dinitrotoluene

Concen: 153.824 ng/ul

RT: 15.157 min Scan# 2035

Delta R.T. 0.023 min

Lab File: BP014718.D

Acq: 18 Apr 2023 18:30

Instrument :

BNA_P

ClientSampleId :

SSTD160637

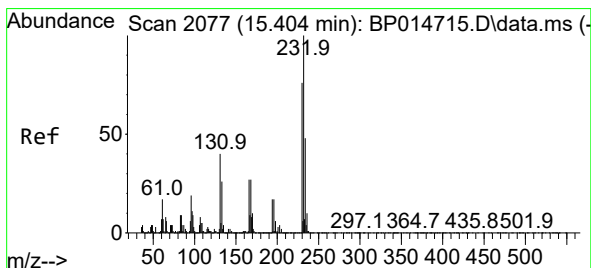
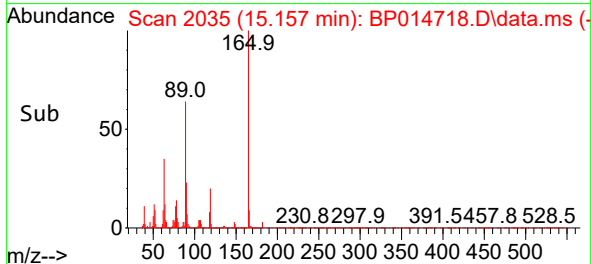
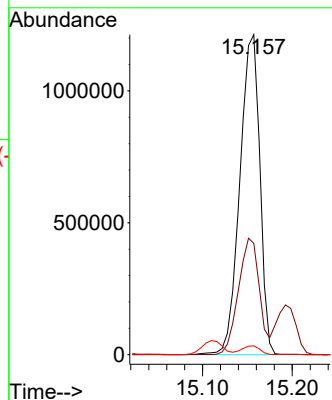
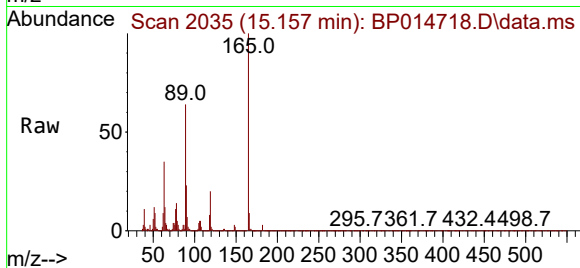
Tgt Ion:165 Resp: 1876863

Ion Ratio Lower Upper

165 100

63 34.8 36.6 54.8#

182 2.8 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 143.799 ng/ul

RT: 15.410 min Scan# 2078

Delta R.T. 0.006 min

Lab File: BP014718.D

Acq: 18 Apr 2023 18:30

Tgt Ion:232 Resp: 1648585

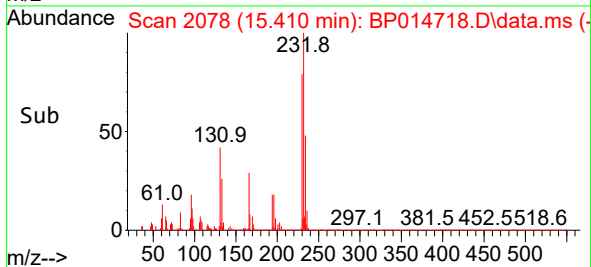
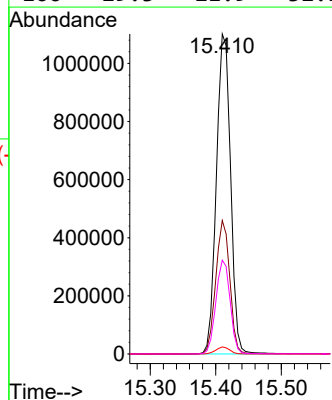
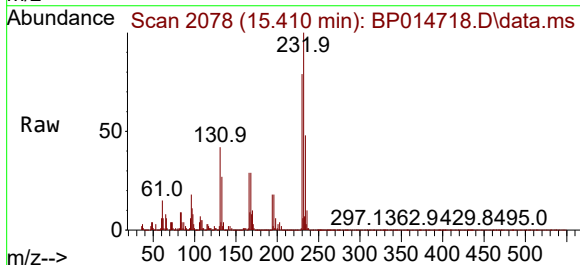
Ion Ratio Lower Upper

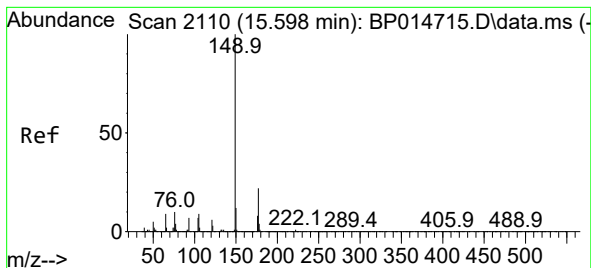
232 100

131 41.7 32.4 48.6

130 2.2 1.8 2.6

166 29.3 21.9 32.9





#59

Diethylphthalate

Concen: 142.683 ng/ul

RT: 15.610 min Scan# 2112

Delta R.T. 0.012 min

Lab File: BP014718.D

Acq: 18 Apr 2023 18:30

Instrument :

BNA_P

ClientSampleId :

SSTD160637

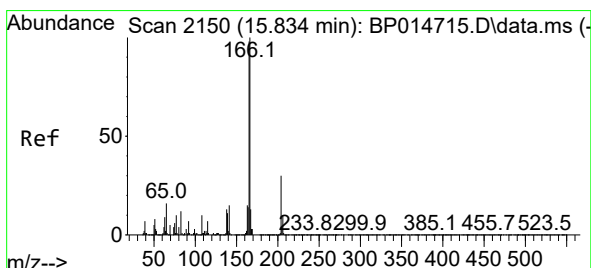
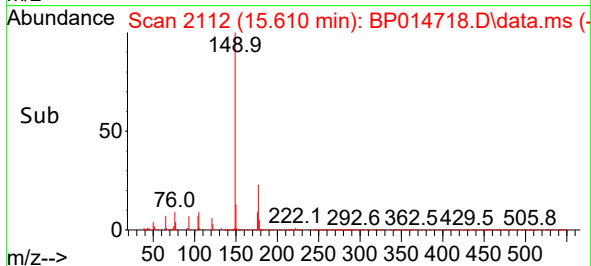
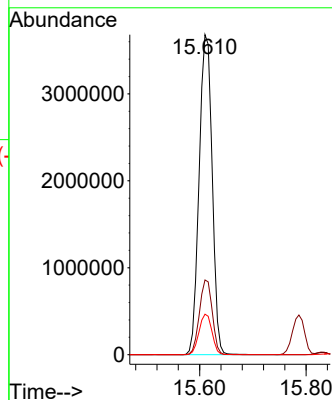
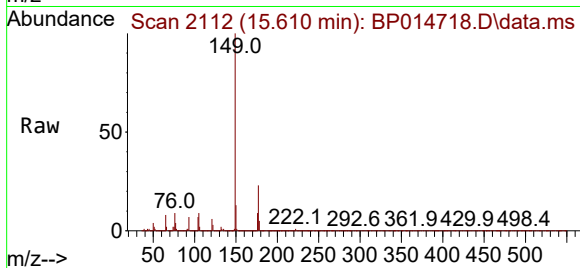
Tgt Ion:149 Resp: 6242534

Ion Ratio Lower Upper

149 100

177 23.4 17.8 26.8

150 12.7 9.4 14.2



#61

Fluorene

Concen: 118.362 ng/ul

RT: 15.845 min Scan# 2152

Delta R.T. 0.012 min

Lab File: BP014718.D

Acq: 18 Apr 2023 18:30

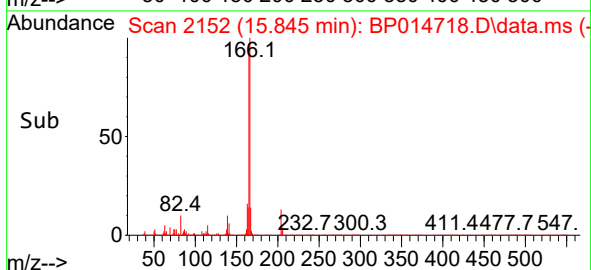
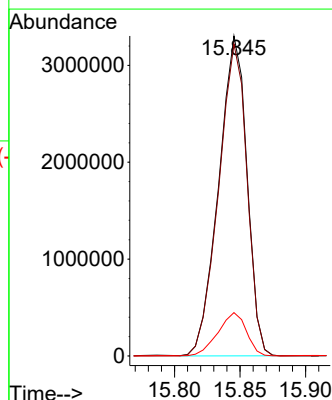
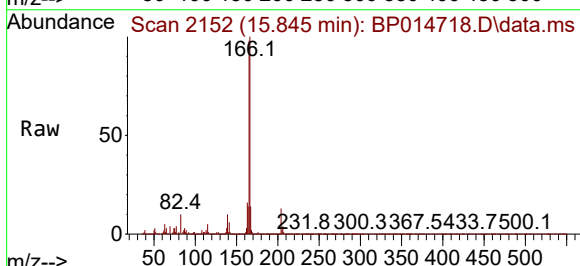
Tgt Ion:166 Resp: 4959105

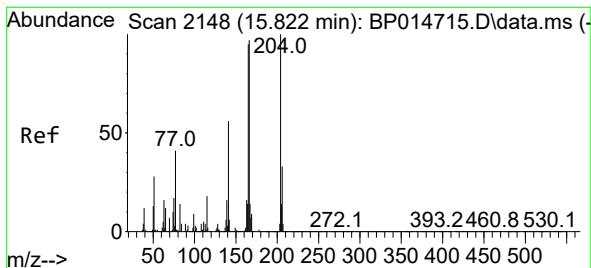
Ion Ratio Lower Upper

166 100

165 97.5 78.6 117.8

167 13.6 10.5 15.7

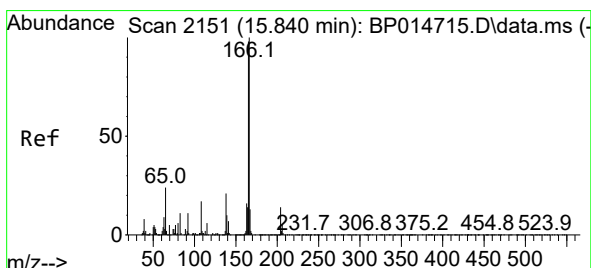
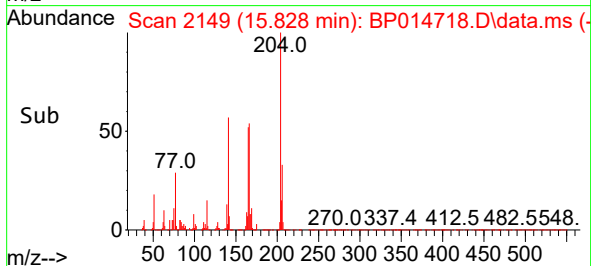
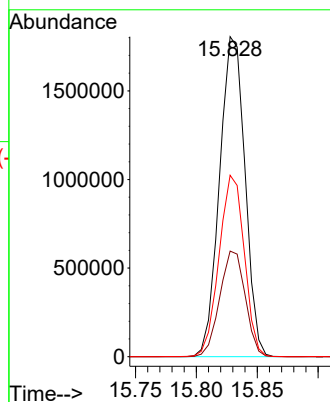
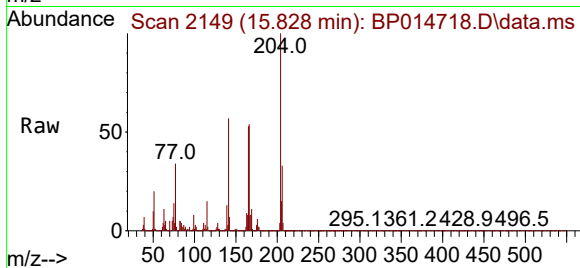




#62
4-Chlorophenyl-phenylether
Concen: 116.845 ng/ul
RT: 15.828 min Scan# 2148
Delta R.T. 0.006 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

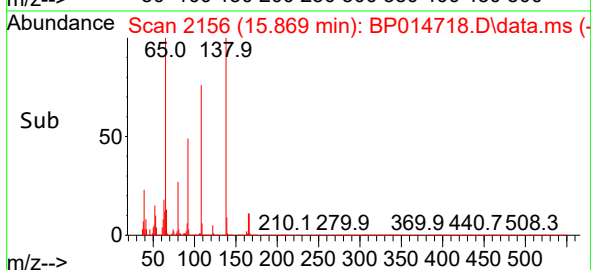
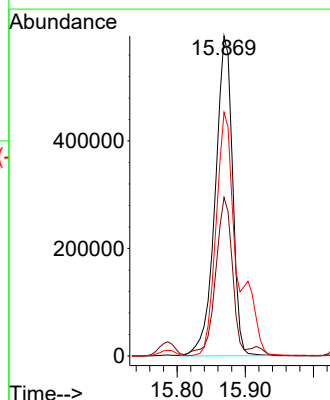
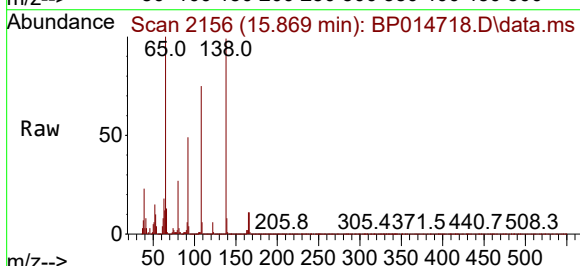
Instrument :
BNA_P
ClientSampleId :
SSTD160637

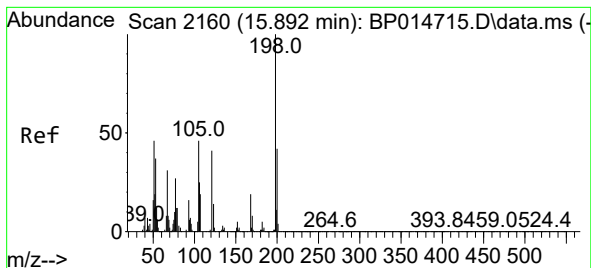
Tgt Ion:204 Resp: 2630184
Ion Ratio Lower Upper
204 100
206 33.0 26.4 39.6
141 56.7 45.0 67.4



#63
4-Nitroaniline
Concen: 168.238 ng/ul
RT: 15.869 min Scan# 2156
Delta R.T. 0.029 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

Tgt Ion:138 Resp: 1053373
Ion Ratio Lower Upper
138 100
92 49.6 40.9 61.3
108 76.2 63.8 95.6

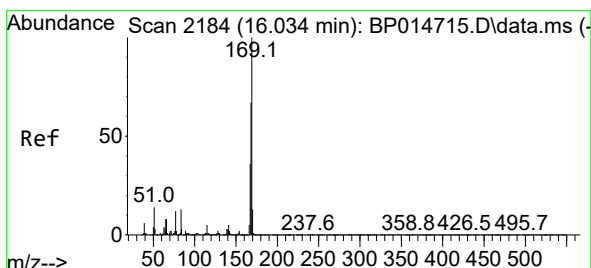
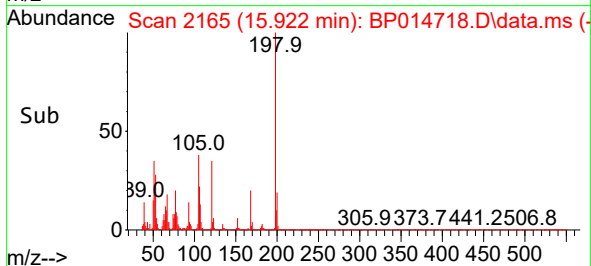
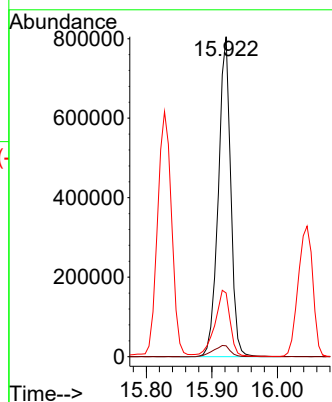
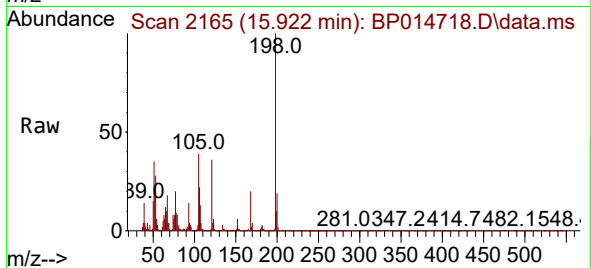




#66
4,6-Dinitro-2-methylphenol
Concen: 126.196 ng/ul
RT: 15.922 min Scan# 2165
Delta R.T. 0.029 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

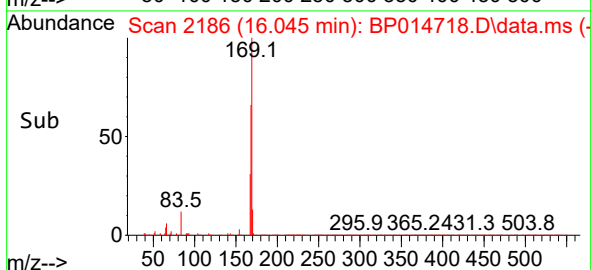
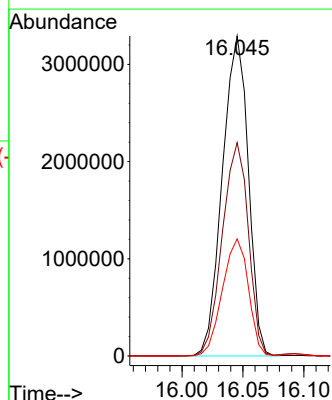
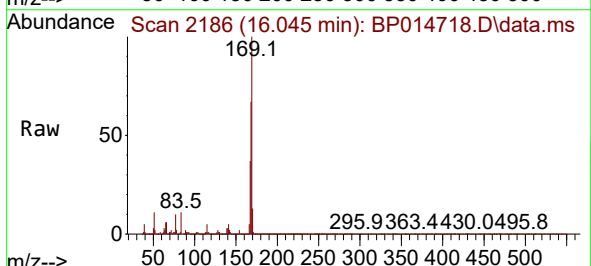
Instrument :
BNA_P
ClientSampleId :
SSTD160637

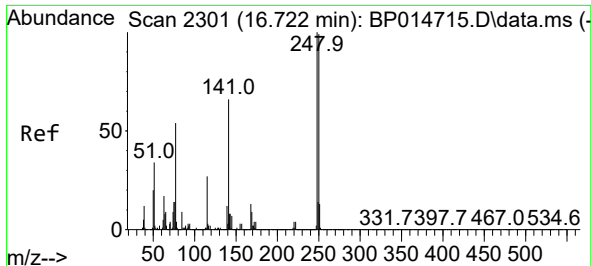
Tgt Ion:198 Resp: 1054456
Ion Ratio Lower Upper
198 100
182 3.4 3.9 5.9#
77 19.9 23.6 35.4#



#67
N-Nitrosodiphenylamine
Concen: 133.885 ng/ul
RT: 16.045 min Scan# 2186
Delta R.T. 0.012 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

Tgt Ion:169 Resp: 4881146
Ion Ratio Lower Upper
169 100
168 66.7 53.5 80.3
167 36.6 29.0 43.6

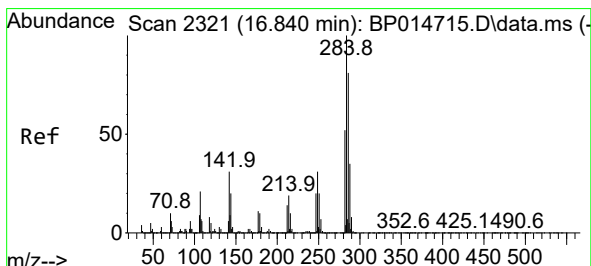
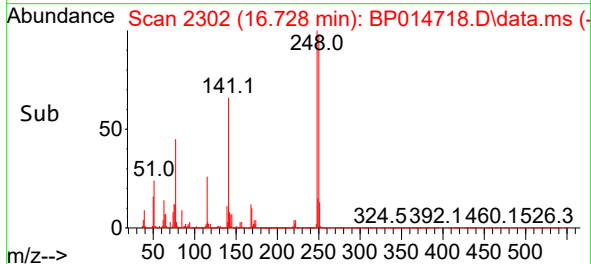
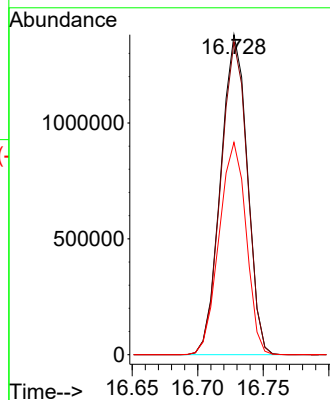
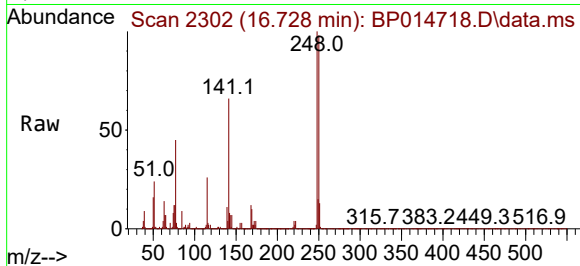




#68
4-Bromophenyl-phenylether
Concen: 133.981 ng/ul
RT: 16.728 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

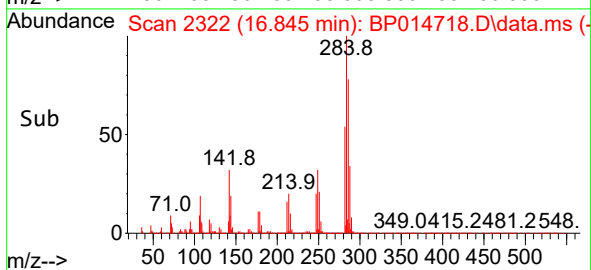
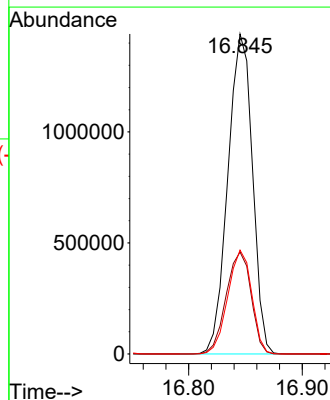
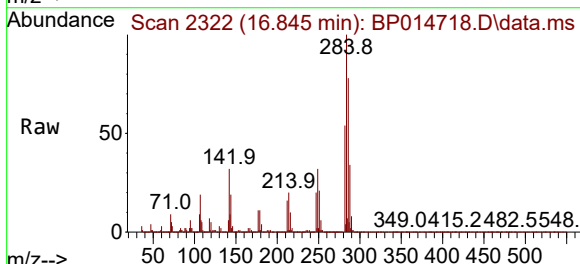
Instrument :
BNA_P
ClientSampleId :
SSTD160637

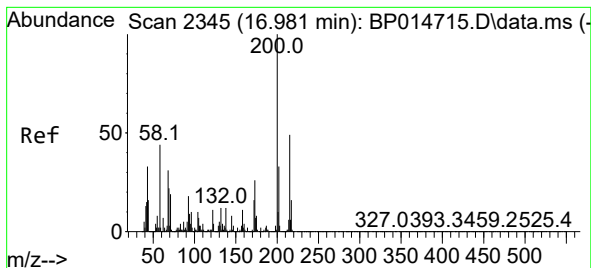
Tgt Ion:248 Resp: 1953579
Ion Ratio Lower Upper
248 100
250 97.8 79.2 118.8
141 66.3 52.7 79.1



#69
Hexachlorobenzene
Concen: 129.305 ng/ul
RT: 16.845 min Scan# 2322
Delta R.T. 0.006 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

Tgt Ion:284 Resp: 2165661
Ion Ratio Lower Upper
284 100
142 31.9 25.1 37.7
249 32.5 25.2 37.8





#70

Atrazine

Concen: 138.433 ng/ul

RT: 17.004 min Scan# 21

Delta R.T. 0.023 min

Lab File: BP014718.D

Acq: 18 Apr 2023 18:30

Instrument :

BNA_P

ClientSampleId :

SSTD160637

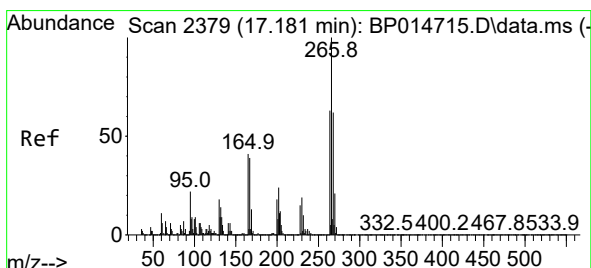
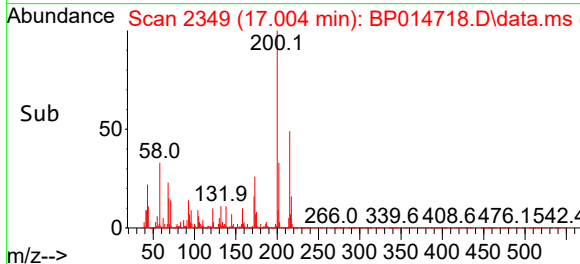
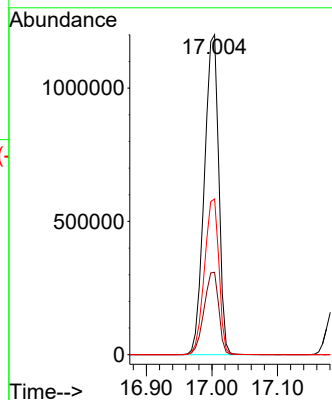
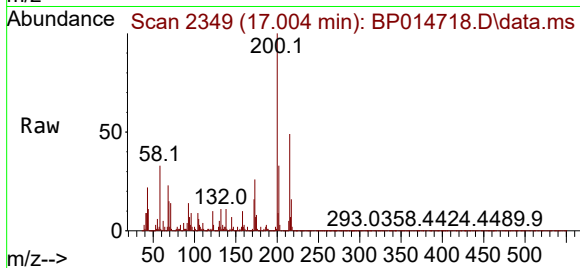
Tgt Ion:200 Resp: 1837232

Ion Ratio Lower Upper

200 100

173 25.8 21.0 31.6

215 48.7 39.4 59.2



#71

Pentachlorophenol

Concen: 148.245 ng/ul

RT: 17.186 min Scan# 2380

Delta R.T. 0.006 min

Lab File: BP014718.D

Acq: 18 Apr 2023 18:30

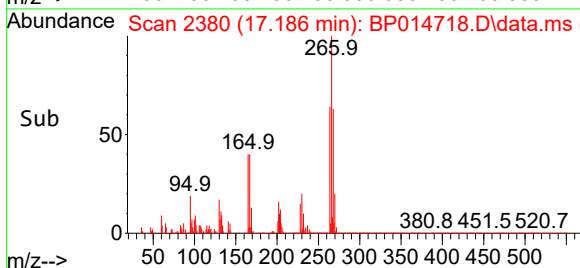
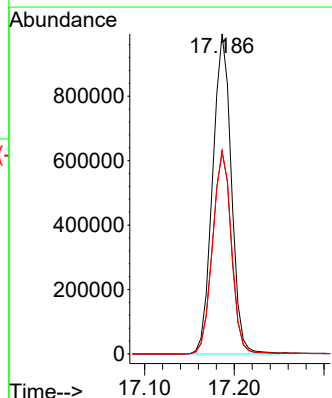
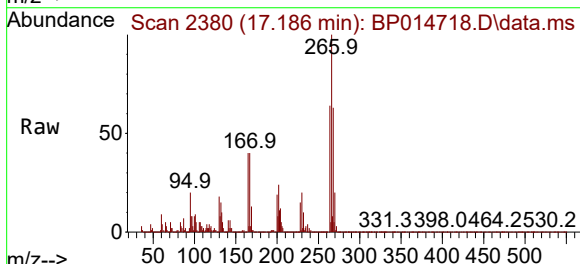
Tgt Ion:266 Resp: 1438401

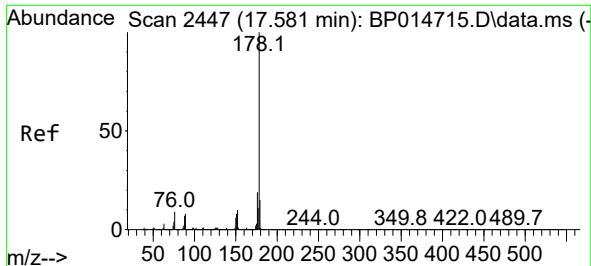
Ion Ratio Lower Upper

266 100

264 63.5 50.2 75.4

268 63.0 49.8 74.6

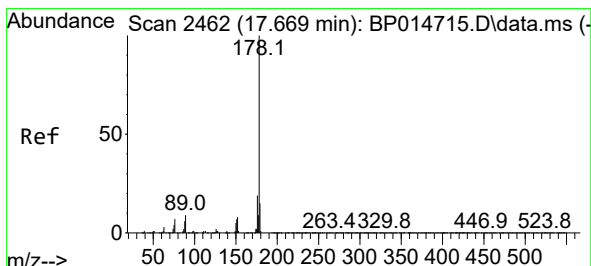
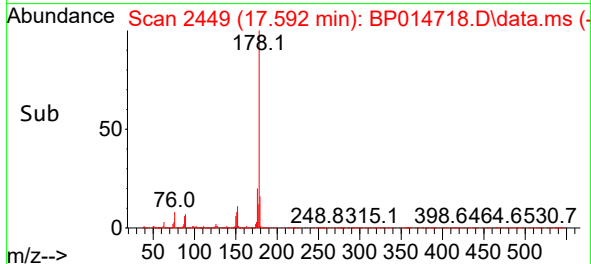
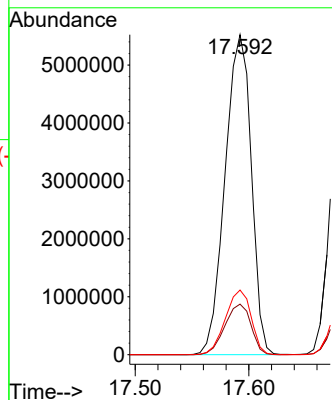
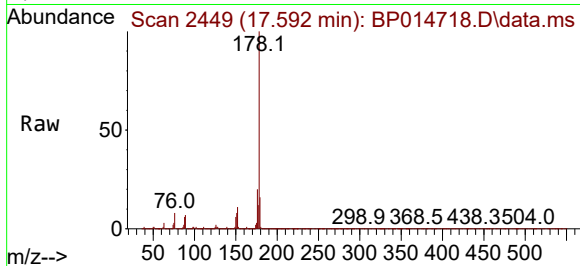




#72
Phenanthrene
Concen: 135.960 ng/ul
RT: 17.592 min Scan# 2449
Delta R.T. 0.012 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

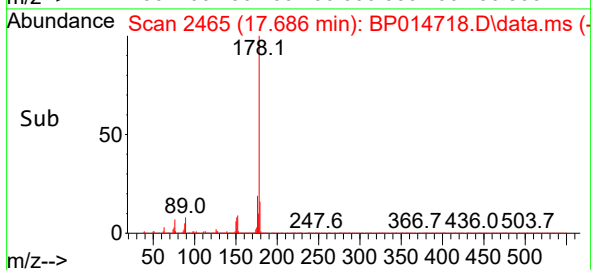
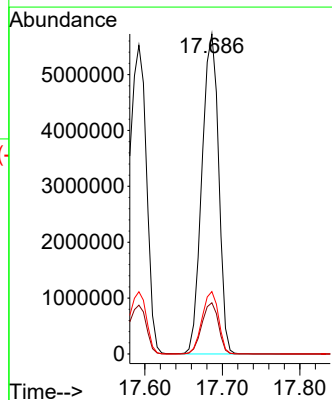
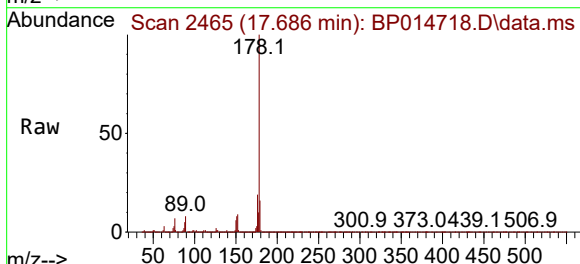
Instrument :
BNA_P
ClientSampleId :
SSTD160637

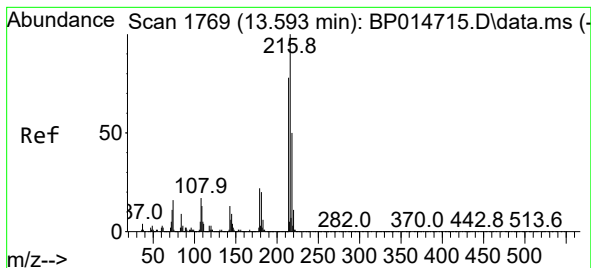
Tgt Ion:178 Resp: 8863298
Ion Ratio Lower Upper
178 100
179 15.8 12.1 18.1
176 20.2 15.3 22.9



#74
Anthracene
Concen: 130.513 ng/ul
RT: 17.686 min Scan# 2465
Delta R.T. 0.018 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

Tgt Ion:178 Resp: 8575152
Ion Ratio Lower Upper
178 100
179 16.0 12.4 18.6
176 19.5 15.1 22.7

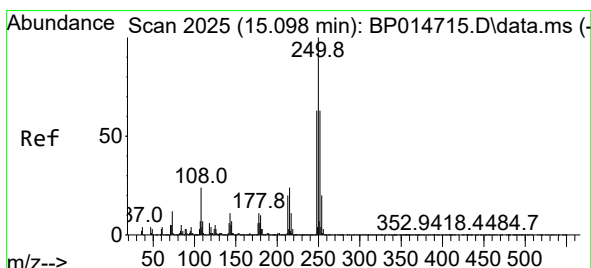
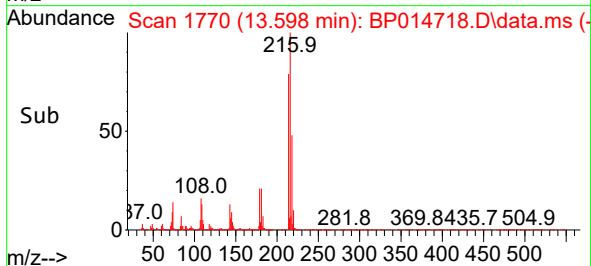
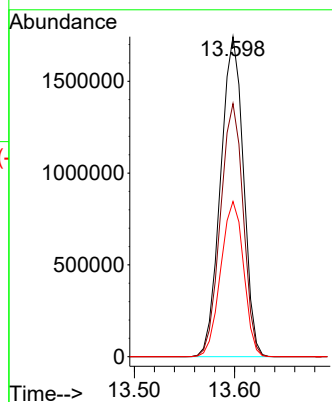
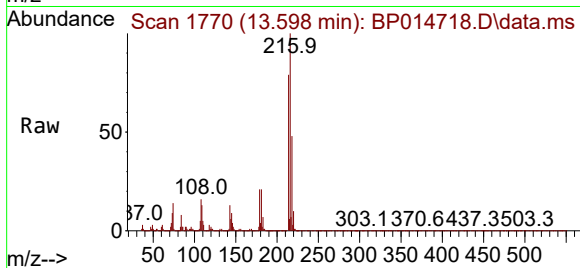




#75
1,2,3,4-Tetrachlorobenzene
Concen: 133.471 ng/uL
RT: 13.598 min Scan# 1769
Delta R.T. 0.006 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

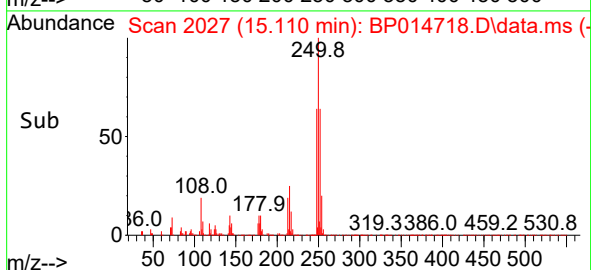
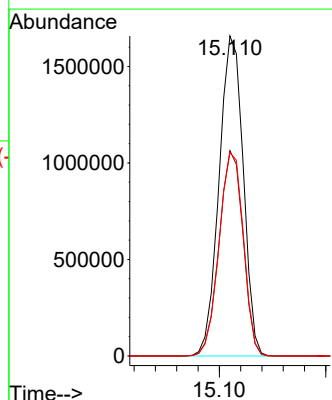
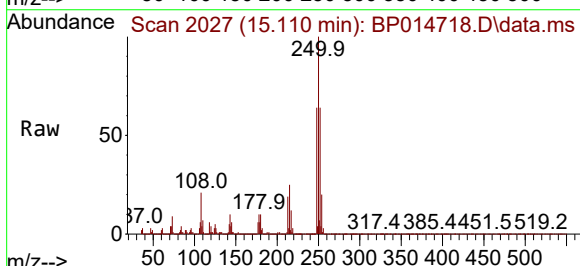
Instrument :
BNA_P
ClientSampleId :
SSTD160637

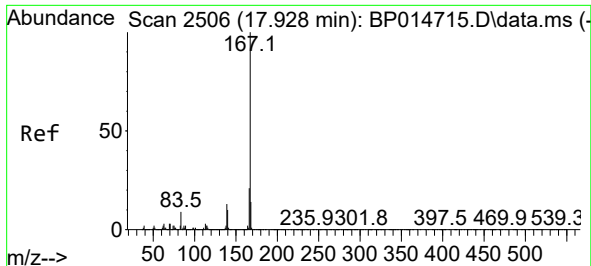
Tgt Ion:216 Resp: 2752985
Ion Ratio Lower Upper
216 100
214 79.1 62.8 94.2
218 48.5 39.6 59.4



#76
Pentachlorobenzene
Concen: 126.562 ng/uL
RT: 15.110 min Scan# 2027
Delta R.T. 0.012 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

Tgt Ion:250 Resp: 2604752
Ion Ratio Lower Upper
250 100
248 64.2 50.7 76.1
252 63.6 50.1 75.1

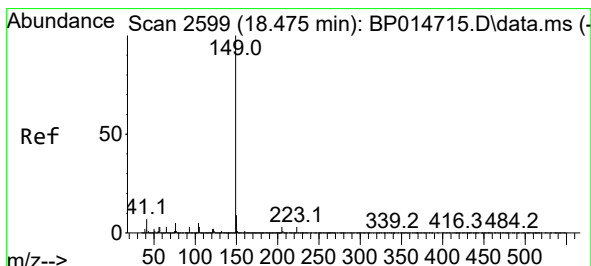
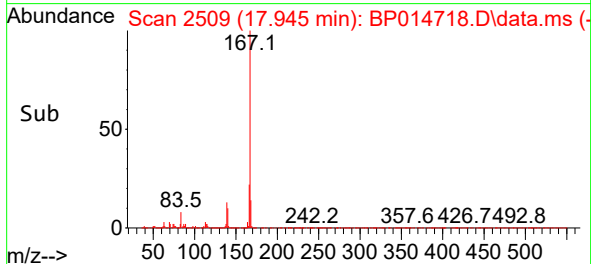
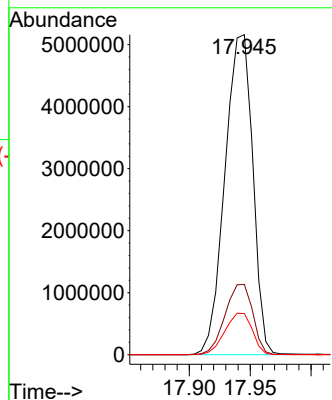
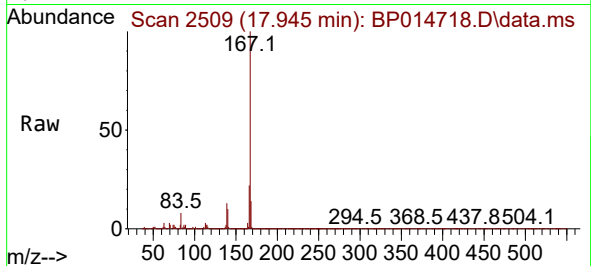




#77
Carbazole
Concen: 149.020 ng/ul
RT: 17.945 min Scan# 2509
Delta R.T. 0.018 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

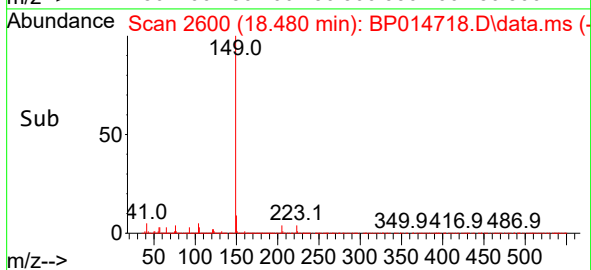
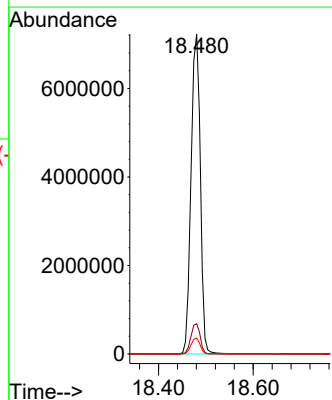
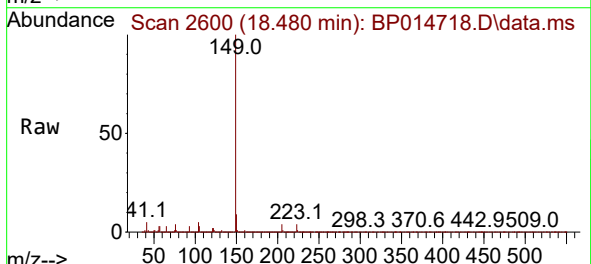
Instrument :
BNA_P
ClientSampleId :
SSTD160637

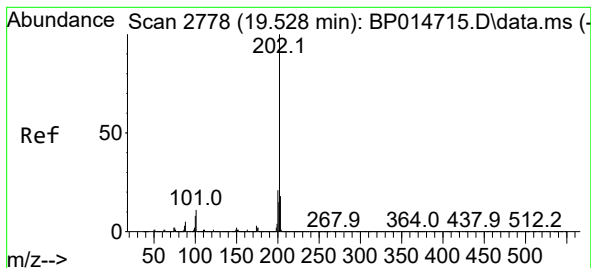
Tgt Ion:167 Resp: 8193679
Ion Ratio Lower Upper
167 100
166 22.0 17.0 25.4
139 12.8 10.2 15.2



#78
Di-n-butylphthalate
Concen: 141.353 ng/ul
RT: 18.480 min Scan# 2600
Delta R.T. 0.006 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

Tgt Ion:149 Resp: 9772610
Ion Ratio Lower Upper
149 100
150 9.5 7.3 10.9
104 4.9 3.9 5.9





#80

Fluoranthene

Concen: 123.604 ng/ul

RT: 19.533 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP014718.D

Acq: 18 Apr 2023 18:30

Instrument :

BNA_P

ClientSampleId :

SSTD160637

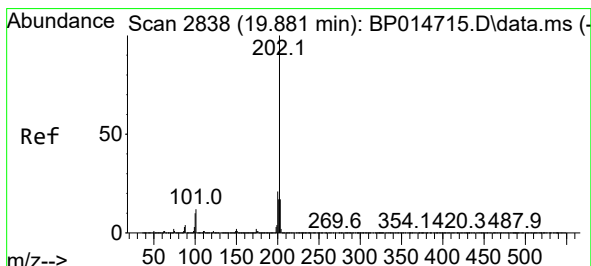
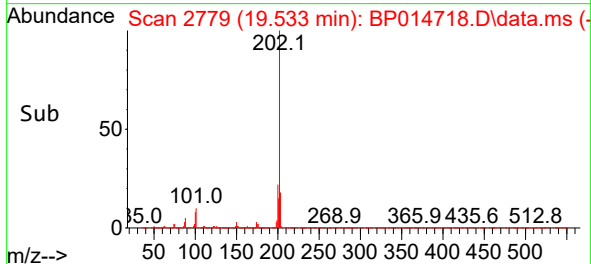
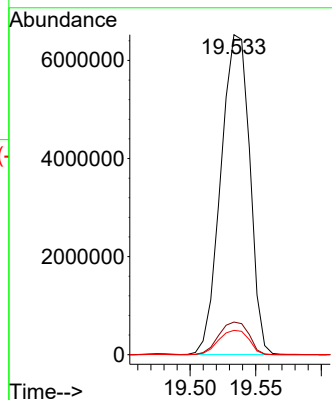
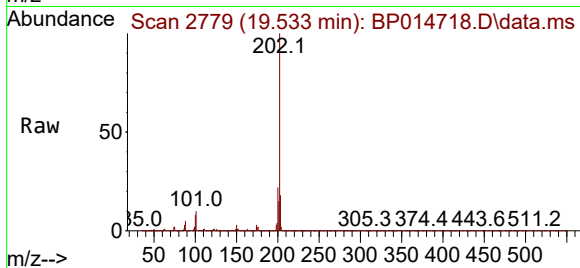
Tgt Ion:202 Resp: 9991131

Ion Ratio Lower Upper

202 100

101 10.2 8.4 12.6

100 7.6 6.4 9.6



#82

Pyrene

Concen: 114.883 ng/ul

RT: 19.892 min Scan# 2840

Delta R.T. 0.012 min

Lab File: BP014718.D

Acq: 18 Apr 2023 18:30

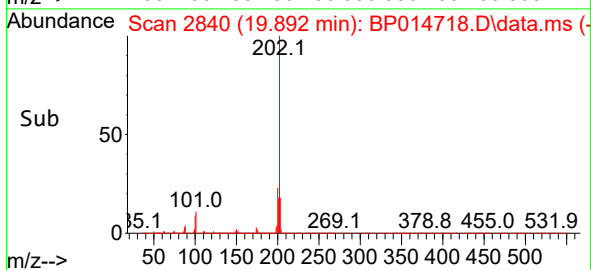
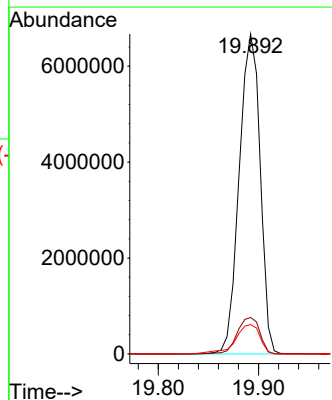
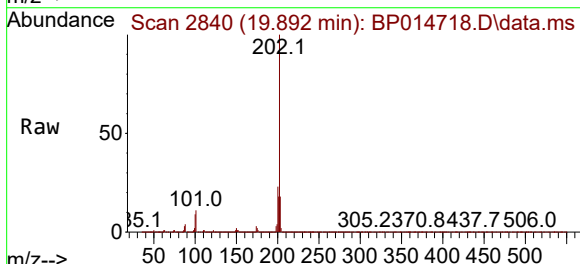
Tgt Ion:202 Resp: 9695090

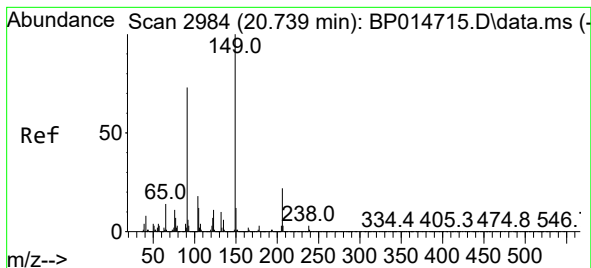
Ion Ratio Lower Upper

202 100

101 11.4 9.4 14.0

100 9.2 8.0 12.0





#83

Butylbenzylphthalate

Concen: 140.851 ng/ul

RT: 20.745 min Scan# 2984

Delta R.T. 0.006 min

Lab File: BP014718.D

Acq: 18 Apr 2023 18:30

Instrument :

BNA_P

ClientSampleId :

SSTD160637

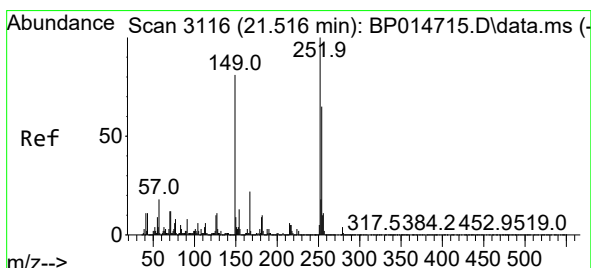
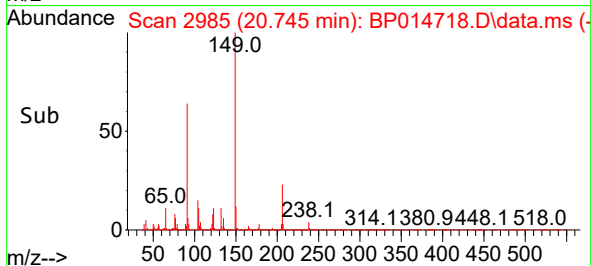
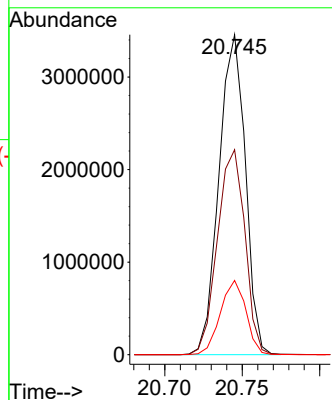
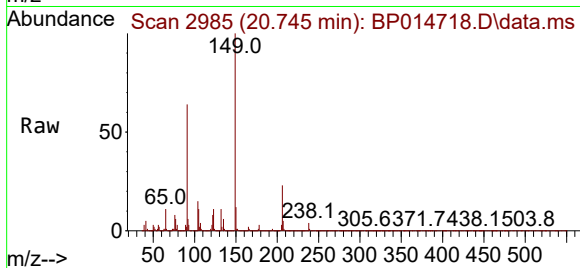
Tgt Ion:149 Resp: 4094392

Ion Ratio Lower Upper

149 100

91 64.1 58.6 87.8

206 23.2 17.3 25.9



#84

3,3'-Dichlorobenzidine

Concen: 146.783 ng/ul

RT: 21.527 min Scan# 3118

Delta R.T. 0.012 min

Lab File: BP014718.D

Acq: 18 Apr 2023 18:30

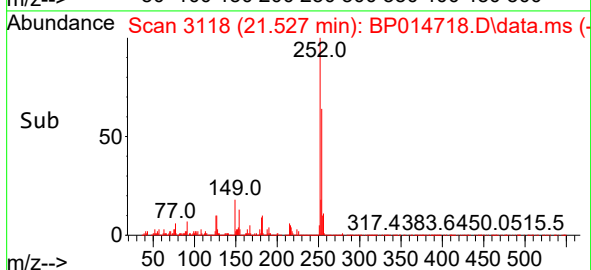
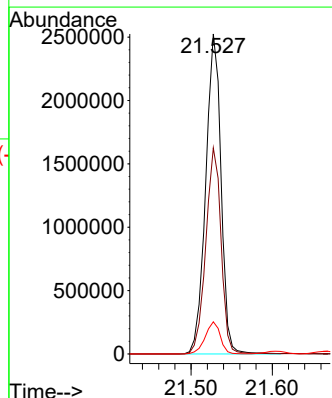
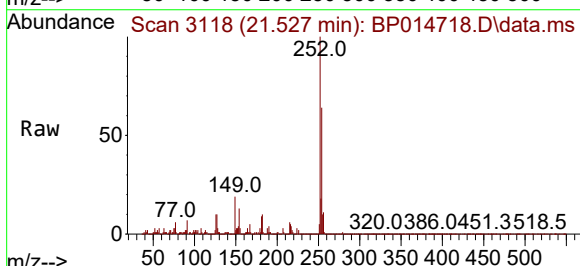
Tgt Ion:252 Resp: 3304025

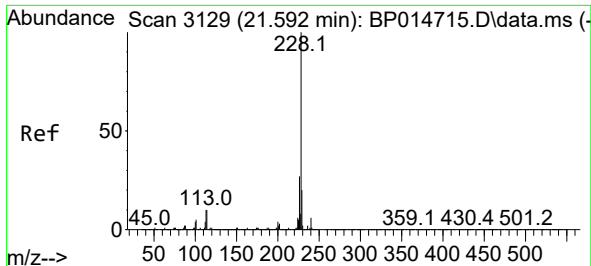
Ion Ratio Lower Upper

252 100

254 64.4 52.2 78.2

126 10.1 8.0 12.0

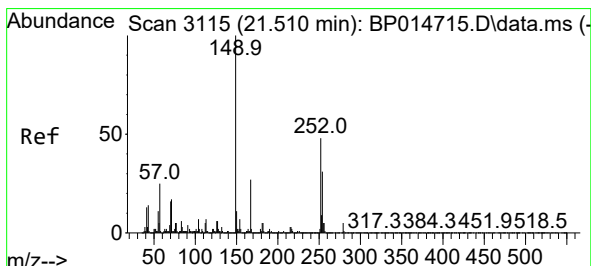
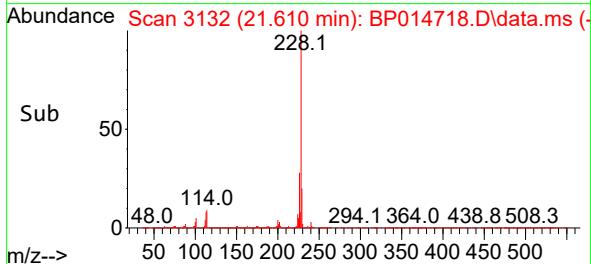
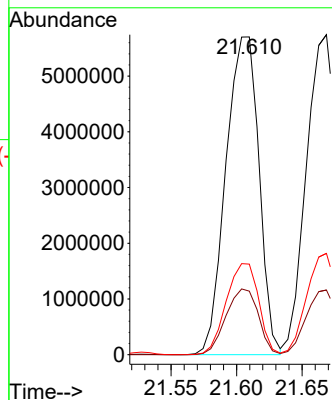
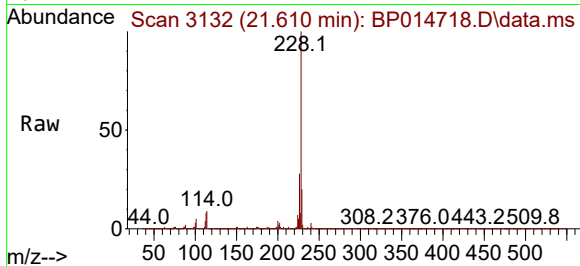




#85
Benzo(a)anthracene
Concen: 138.643 ng/ul
RT: 21.610 min Scan# 3132
Delta R.T. 0.018 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

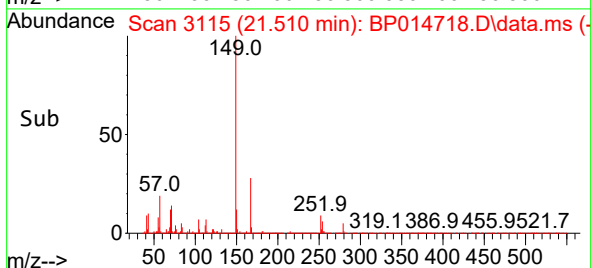
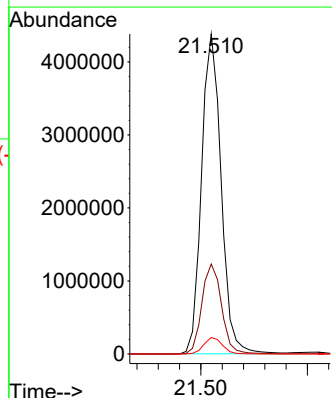
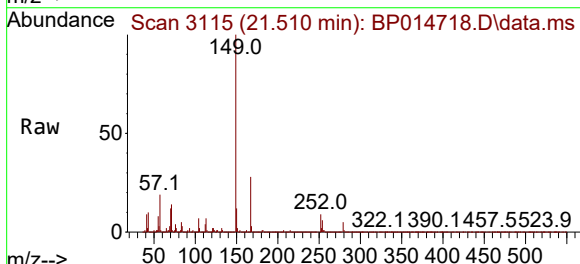
Instrument :
BNA_P
ClientSampleId :
SSTD160637

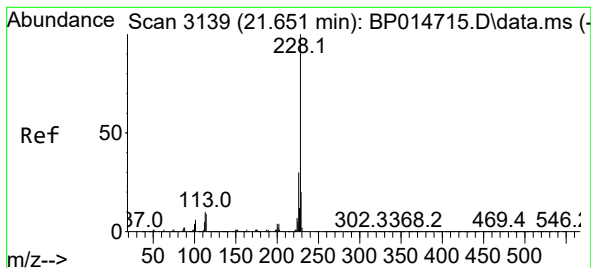
Tgt Ion:228 Resp: 9999416
Ion Ratio Lower Upper
228 100
229 20.0 15.9 23.9
226 28.5 21.8 32.8



#86
Bis(2-ethylhexyl)phthalate
Concen: 140.886 ng/ul
RT: 21.510 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

Tgt Ion:149 Resp: 5600282
Ion Ratio Lower Upper
149 100
167 28.1 22.0 33.0
279 5.1 3.6 5.4





#87

Chrysene

Concen: 135.575 ng/ul

RT: 21.669 min Scan# 3139

Delta R.T. 0.018 min

Lab File: BP014718.D

Acq: 18 Apr 2023 18:30

Instrument :

BNA_P

ClientSampleId :

SSTD160637

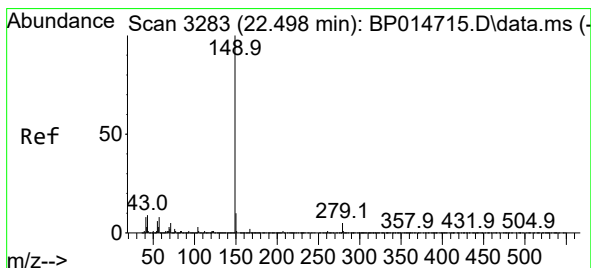
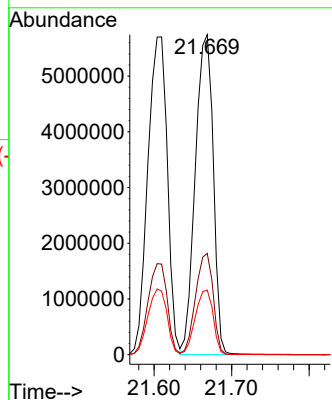
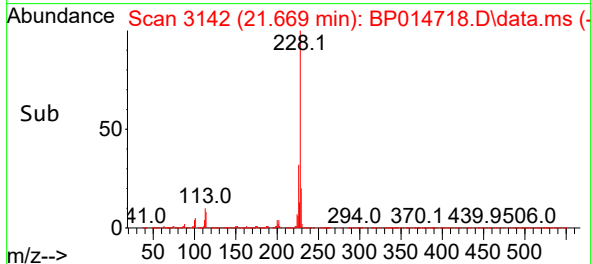
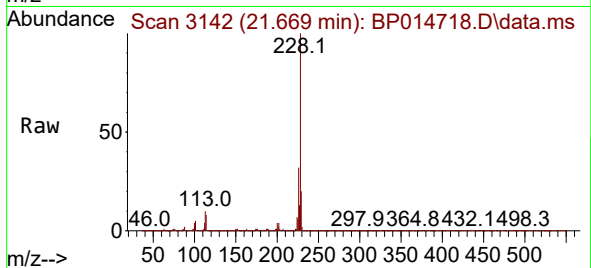
Tgt Ion:228 Resp: 9232865

Ion Ratio Lower Upper

228 100

226 31.6 24.3 36.5

229 20.2 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 144.111 ng/ul

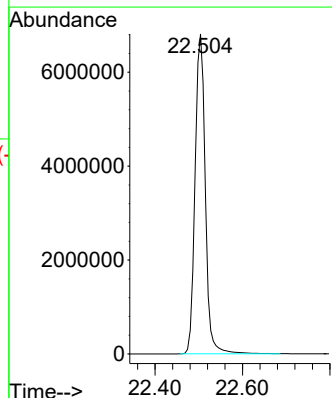
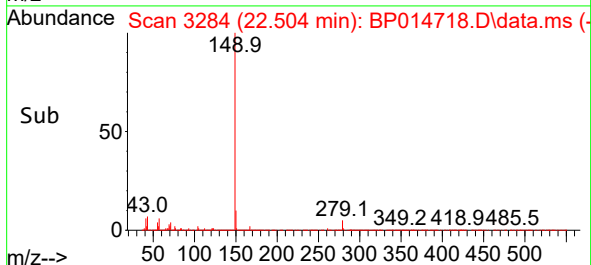
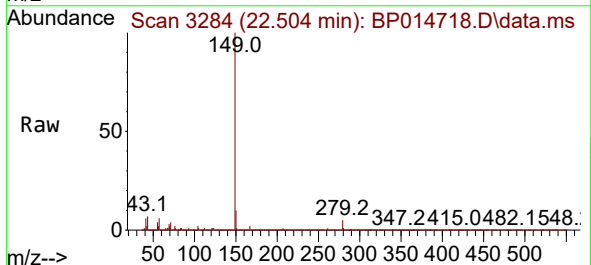
RT: 22.504 min Scan# 3284

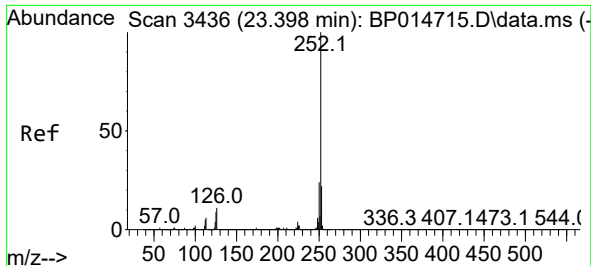
Delta R.T. 0.006 min

Lab File: BP014718.D

Acq: 18 Apr 2023 18:30

Tgt Ion:149 Resp:11120162

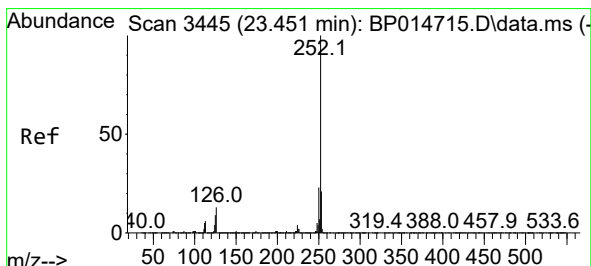
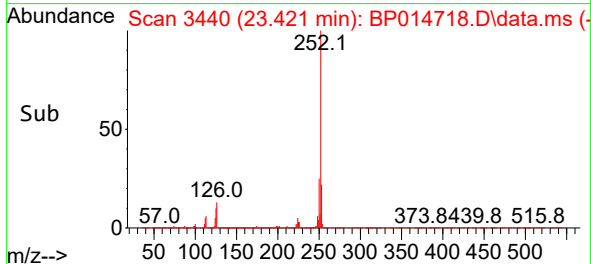
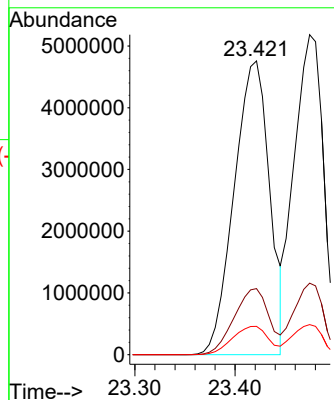
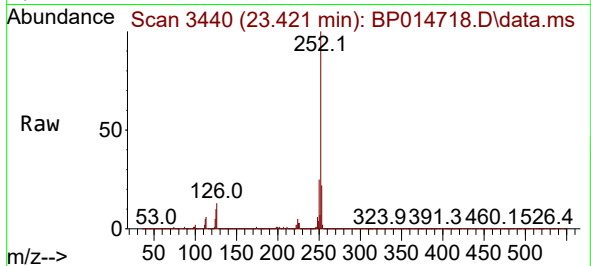




#90
Benzo(b)fluoranthene
Concen: 145.575 ng/ul
RT: 23.421 min Scan# 3440
Delta R.T. 0.023 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

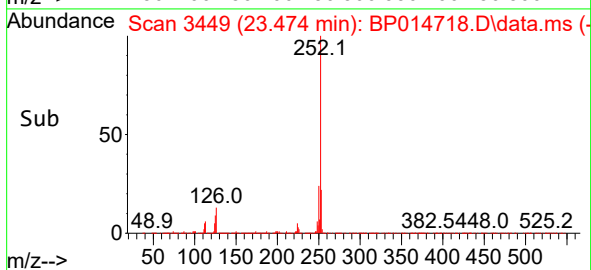
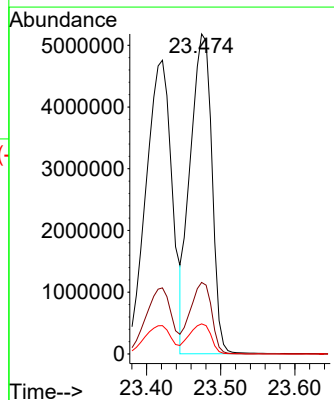
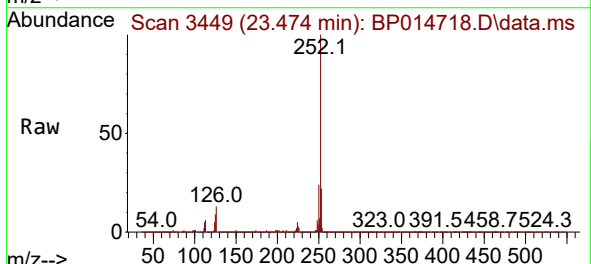
Instrument :
BNA_P
ClientSampleId :
SSTD160637

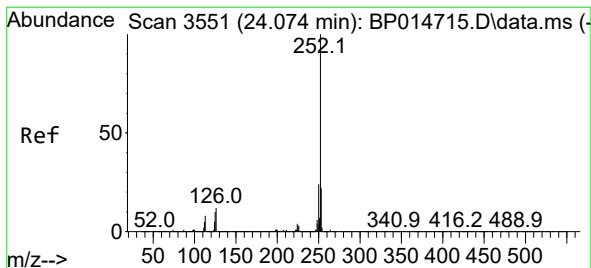
Tgt Ion:252 Resp:11690584
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 9.6 7.0 10.6



#91
Benzo(k)fluoranthene
Concen: 134.690 ng/ul
RT: 23.474 min Scan# 3449
Delta R.T. 0.023 min
Lab File: BP014718.D
Acq: 18 Apr 2023 18:30

Tgt Ion:252 Resp:10505406
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 9.4 7.0 10.4





#93

Benzo(a)pyrene

Concen: 145.460 ng/ul

RT: 24.110 min Scan# 3

Delta R.T. 0.035 min

Lab File: BP014718.D

Acq: 18 Apr 2023 18:30

Instrument :

BNA_P

ClientSampleId :

SSTD160637

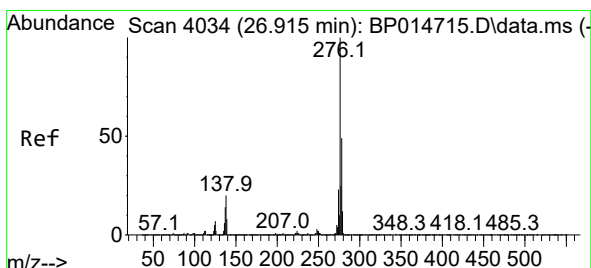
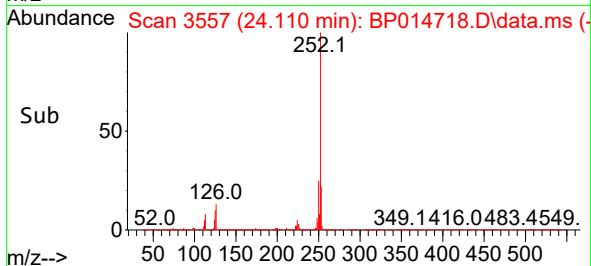
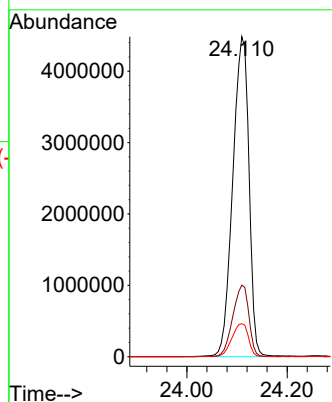
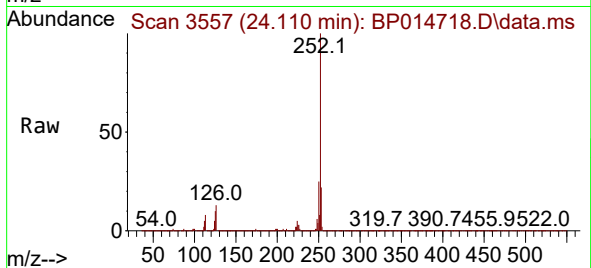
Tgt Ion:252 Resp:10054884

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 10.3 8.0 12.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 145.154 ng/ul

RT: 26.956 min Scan# 4041

Delta R.T. 0.041 min

Lab File: BP014718.D

Acq: 18 Apr 2023 18:30

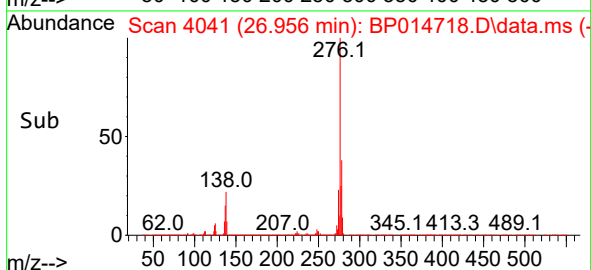
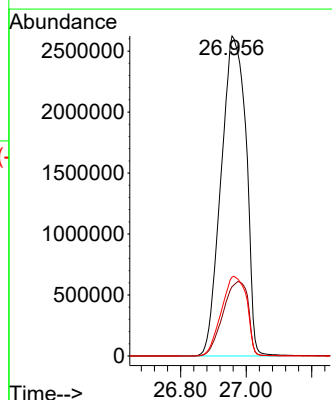
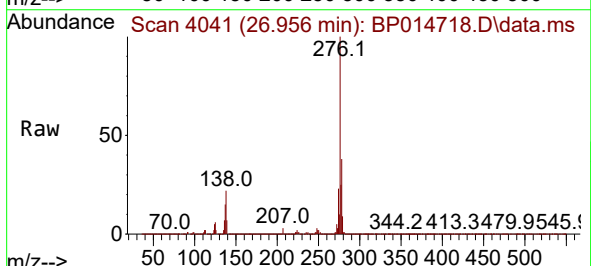
Tgt Ion:276 Resp:13804197

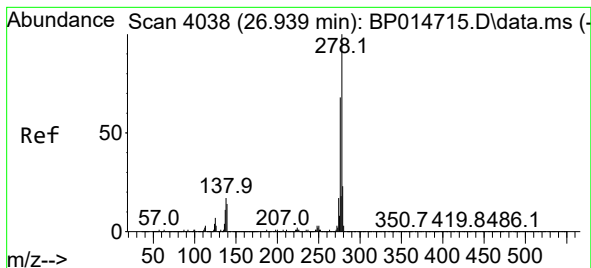
Ion Ratio Lower Upper

276 100

138 21.7 16.3 24.5

277 24.6 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 136.375 ng/ul

RT: 26.998 min Scan# 4038

Delta R.T. 0.059 min

Lab File: BP014718.D

Acq: 18 Apr 2023 18:30

Instrument :

BNA_P

ClientSampleId :

SSTD160637

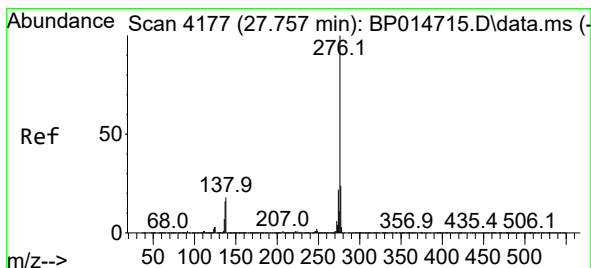
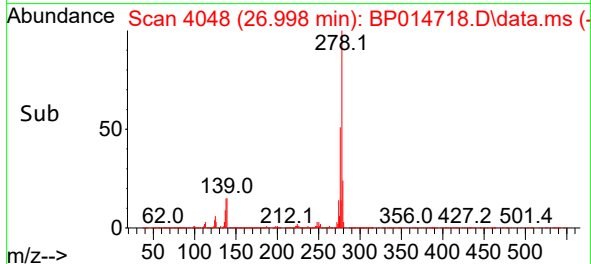
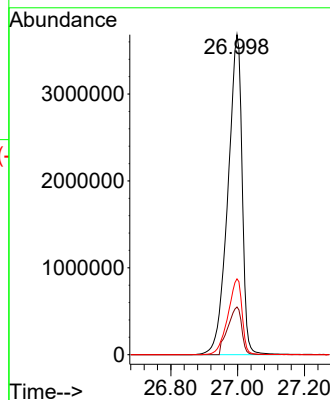
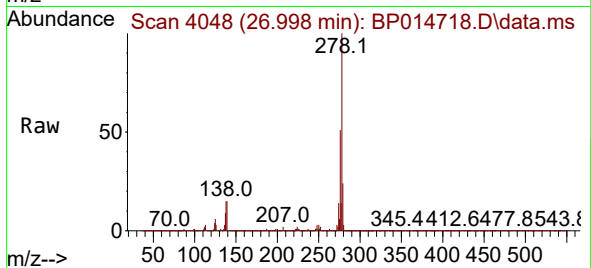
Tgt Ion:278 Resp:10858480

Ion Ratio Lower Upper

278 100

139 14.9 11.5 17.3

279 23.7 18.6 27.8



#96

Benzo(g,h,i)perylene

Concen: 152.321 ng/ul

RT: 27.821 min Scan# 4188

Delta R.T. 0.065 min

Lab File: BP014718.D

Acq: 18 Apr 2023 18:30

Tgt Ion:276 Resp:11807775

Ion Ratio Lower Upper

276 100

138 20.9 14.3 21.5

277 24.2 19.5 29.3

